



No. 8

22 FEBRUARY 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nima.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed via the NIMA Homepage (www.nima.mil) under the Safety of Navigation link or directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
Nick Novick, Second Officer	M/V EDWARD CARTER

Cover Photo: Serving our nation proudly since her commissioning on June 3rd, 1978 the **USS BRISCOE (DD-977)** is the fifteenth destroyer in a series of thirty-one *SPRUANCE* class destroyers. Built by the Ingalls Shipbuilding Division of Litton Industries in Pascagoula, MS, she bears the name of Admiral Robert P. Briscoe, USN, who served with distinction during WWI, WWII and the Korean Conflict. The *SPRUANCE* class destroyers were developed for the primary mission of anti-submarine warfare, including operations as an integral part of attack carrier forces. Utilizing highly developed weapons systems, the **BRISCOE** can hunt down and destroy high speed submarines in all weather, but can also engage ships, aircraft and shore targets. As a multi-purpose combatant, the **BRISCOE** is capable of providing naval gunfire support in conjunction with Marine amphibious operations worldwide. At 564 feet in length and a beam of 55 feet, she is twice as large as a WWII destroyer and as large as a WWII cruiser. The **BRISCOE**'s formidable armament includes two 5-inch/54 caliber lightweight guns, one MK-41 VLS for Tomahawk cruise missiles, MK-46 torpedoes, Harpoon missile launchers, one Sea Sparrow launcher, one Rolling Airframe Missile System and two 20mm Phalanx CIWS. The **BRISCOE**'s 80,000 SHP and twin controllable-pitch screws can propel her to 30+ knots. A high degree of automation permits a reduced crew of 352 Sailors and 30 Officers. The homeport of the **USS BRISCOE** is Norfolk, Virginia.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 8/03

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

22 February 2003

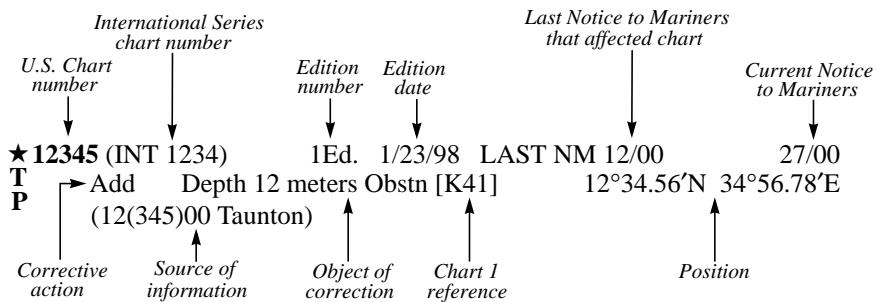
WARNING ON USE OF FLOATING AIDS

THE PRUDENT MARINER WILL NOT RELY SOLELY ON ANY SINGLE AID TO NAVIGATION, PARTICULARLY ON FLOATING AIDS. SEE SECTION III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter **M** immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter **M** is not a part of the chart number.
- The letter **N** preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

Section II-5 lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 8/03

601 (INT 601) 4Ed. 11/4/95 LAST NM 6/03 8/03 Add Light symbol 43°38'S 146°52'E (15(435)99 Wollongong)	11004 7Ed. 10/29/94 LAST NM 7/03 8/03 Add Submerged well (abandoned) (cov 1151m) [L20] 27°19.5'N 94°29.8'W Dashed-line circle "Obstn" (PA) 28°17.1'N 90°29.7'W (1/03 CG8)
1113A Ed. 1/13/01 LAST NM 7/03 8/03 Delete Green-tint line joining 24°46.0'N 82°54.0'W 24°40.0'N 83°06.0'W 24°39.0'N 83°06.0'W "ANCH...A" area bound by purple dashed line joining 24°46.0'N 82°54.0'W 24°40.0'N 83°06.0'W 24°37.0'N 83°06.0'W 24°32.0'N 83°00.1'W 24°39.0'N 83°00.1'W (See 7/03-1113A)	11013 44Ed. 1/19/02 LAST NM 7/03 8/03 Add "Prohibited Area" [N2.2] bound by shore and purple composite line joining 22°03'N 81°16'W 21°45'N 81°20'W 21°40'N 81°03'W 21°50'N 80°35'W 22°02'N 80°29'W (1/03 CG8; NTM0002/2003)
Add "RESTRICTED ANCH 922.164g; (see note A)" area [N20] bound by purple composite line joining 24°39.0'N 83°00.1'W 24°39.0'N 83°06.0'W 24°37.0'N 83°06.0'W 24°32.0'N 83°00.1'W "PROHIBITED ANCHORAGE 922.164d; (see note A)" area [N20] bound by purple composite line joining 24°45.8'N 82°48.0'W 24°46.0'N 82°54.0'W 24°46.0'N 83°06.0'W 24°39.0'N 83°06.0'W 24°39.0'N 82°58.0'W 24°43.0'N 82°54.0'W 24°43.5'N 82°52.0'W 24°43.5'N 82°48.0'W Green-tint line (Particularly Sensitive Sea Area) joining 24°46.0'N 82°54.0'W 24°46.0'N 83°06.0'W 24°39.0'N 83°06.0'W Legend "TORTUGAS ECOLOGICAL RESERVE TORTUGAS NORTH (protected area: 15 CFR 922; see note A)" 24°45.0'N 83°01.5'W "PROHIBITED ANCHORAGE 922.164d (see note A)" area [N20] bound by purple composite line joining 24°33.0'N 83°05.0'W 24°33.0'N 83°09.0'W 24°18.0'N 83°09.0'W 24°18.0'N 83°05.0'W "FLORIDA KEYS NATIONAL MARINE SANTUARY TORTUGAS ECOLOGICAL RESERVE TORTUGAS SOUTH (protected area: 15 CFR 922; see note A)" area bound by blue-tint line joining 24°33.0'N 83°05.0'W 24°33.0'N 83°09.0'W 24°18.0'N 83°09.0'W 24°18.0'N 83°05.0'W (NOS)	★11300 38Ed. 4/6/02 LAST NM 7/03 8/03 Change Legend to "Well (cov 29fms)" 28°13.7'N 94°05.0'W Add Submerged well (abandoned) (cov 629fms) [L20] 27°19.5'N 94°29.8'W ★11325 34Ed. 2/16/02 LAST NM 6/03 8/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)
1113B Ed. 1/13/01 LAST NM 7/03 8/03 Delete Tabulation of controlling depths from Subsection I-2 (NOS)	★11329 34Ed. 1/12/02 LAST NM 4/03 8/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)
11330 14Ed. 11/02 LAST NM 7/03 8/03 Change Legend to "Well (cov 174ft)" 28°14.6'N 94°05.0'W (NTM0002/2003)	11331 18Ed. 8/25/01 LAST NM 23/02 8/03 (Side A) Delete Legend "PA" from light "51" 29°50'48.8" 93°57'08.0"W Legend "PA" from light "A" 29°57'46.3" 93°51'08.8"W (1/03 CG8)
1115A Ed. 10/02 LAST NM 6/03 8/03 Add Platform [L10] 28°44.5'N 88°49.5'W (5/02 CG8)	★11340 67Ed. 11/02 LAST NM 7/03 8/03 Delete Dangerous wreck (PA) (See 5/03-11340) 29°08.2'N 92°17.4'W Add Submerged well (abandoned) (cov 629fms) [L20] 27°19.5'N 94°29.8'W Dangerous wreck [K28] (PA) 29°01.6'N 91°03.0'W Dashed-line circle "Obstn" (PA) 28°17.1'N 90°29.7'W Note: Platform remains (1/03 CG8; NTM0002/2003)
1116A Ed. 11/02 LAST NM 7/03 8/03 Delete Dangerous wreck (PA) (See 5/03-1116A) 29°08.2'N 92°17.4'W Add Submerged well (abandoned) (cov 629fms) [L20] 27°19.5'N 94°29.8'W Dangerous wreck [K28] (PA) 29°01.6'N 91°03.0'W Dashed-line circle "Obstn" (PA) 28°17.1'N 90°29.7'W Note: Platform remains (1/03 CG8; NTM0002/2003)	★11342 51Ed. 9/30/00 LAST NM 4/03 8/03 Delete Legend "PA" from light "40" 29°45'36.8" 93°53'50.2"W Legend "PA" from light "51" 29°50'48.7" 93°57'06.5"W Legend "PA" from light "A" 29°57'46.3" 93°51'10.2"W (1/03 CG8)
1117A Ed. 4/6/02 LAST NM 7/03 8/03 Change Legend to "Well (cov 29fms)" 28°13.7'N 94°05.0'W Add Submerged well (abandoned) (cov 629fms) [L20] 27°19.5'N 94°29.8'W (1/03 CG8; NTM0002/2003)	★11343 36Ed. 9/15/01 LAST NM 4/03 8/03 Delete Legend "PA" from light "A" 29°57'46.3" 93°51'09.3"W Add Tabulation of controlling depths from Subsection I-2 (NOS; 1/03 CG8)
1117B Ed. 4/6/02 LAST NM 7/03 8/03 Change Legend to "Well (cov 29fms)" 28°13.7'N 94°05.0'W Add Submerged well (abandoned) (cov 629fms) [L20] 27°19.5'N 94°29.8'W (1/03 CG8; NTM0002/2003)	★11347 33Ed. 7/02 LAST NM 7/03 8/03 (Side B, Inset 1) Delete Legend "PA" from light "115A" 30°12'23.3" 93°16'28.9"W (1/03 CG8)
	★11351 37Ed. 5/12/01 LAST NM 7/03 8/03 Change Legend to "12 FT BY 400 FT NOV-DEC 2002" 29°18'24"N 91°26'18"W (See 51/02-11351) (NOS)

11352	36Ed. 11/02 LAST NM 7/03 Change Legend to "12 FT BY 400 FT NOV-DEC 2002"	8/03 29°16.2'N 91°28.7'W	Legend "TORTUGAS ECOLOGICAL RESERVE TORTUGAS NORTH (protected area: 15 CFR 922; see note A)" 24°45.0'N 83°01.5'W
Add	Dangerous wreck [K28] (PA) (NOS; NTM0002/2003)	29°01.6'N 91°03.0'W	"PROHIBITED ANCHORAGE 922.164d (see note A)" area [N20] bound by purple composite line joining 24°33.0'N 83°05.0'W 24°33.0'N 83°09.0'W 24°18.0'N 83°09.0'W 24°18.0'N 83°05.0'W
11354	23Ed. 9/22/01 LAST NM 7/03 (Side A) Change Legend to "12 FT BY 400 FT NOV-DEC 2002" (See 51/02-11354) (NOS)	8/03 29°18'28"N 91°26'13"W	"FLORIDA KEYS NATIONAL MARINE SANTUARY TORTUGAS ECOLOGICAL RESERVE TORTUGAS SOUTH (protected area: 15 CFR 922; see note A)" area bound by blue-tint line joining 24°33.0'N 83°05.0'W 24°33.0'N 83°09.0'W 24°18.0'N 83°09.0'W 24°18.0'N 83°05.0'W
11360	40Ed. 10/02 LAST NM 6/03 Add Platform [L10] (52/02 CG8)	8/03 28°44.5'N 88°49.5'W	(NOS)
11362	4Ed. 6/10/00 LAST NM N6/03 Add Platform [L10] (52/02 CG8)	N8/03 28°44.5'N 88°49.5'W	11423 7Ed. 8/10/96 LAST NM N4/03 Add "RESTRICTED ANCH 922.164g; (see note 5)" area [N20] bound by purple composite line joining 24°39.0'N 83°00.1'W 24°39.0'N 83°06.0'W 24°37.0'N 83°06.0'W 24°32.0'N 83°00.1'W
11364	39Ed. 11/02 LAST NM 5/03 Add Ra ref to light "76" (NTM0002/2003)	8/03 29°44'19"N 89°28'23"W	"PROHIBITED ANCHORAGE 922.164d (see note 5)" area [N20] bound by purple composite line joining 24°45.8'N 82°48.0'W 24°46.0'N 82°54.0'W 24°46.0'N 83°06.0'W 24°39.0'N 83°06.0'W 24°39.0'N 82°58.0'W 24°43.0'N 82°54.0'W 24°43.5'N 82°52.0'W 24°43.5'N 82°48.0'W
★11366	7Ed. 9/02 LAST NM 7/03 Add Platform [L10] (52/02 CG8)	8/03 28°44.5'N 88°49.5'W	Legend "TORTUGAS ECOLOGICAL RESERVE TORTUGAS NORTH (protected area: 15 CFR 922; see note 5)" 24°44.0'N 83°00.0'W
11372	30Ed. 11/02 LAST NM 7/03 (Side A) Add Position circle "Pile" [K43.1] (PA) 30°17'05"N 88°46'32"W	8/03	"PROHIBITED ANCHORAGE 922.164d (see note 5)" area [N20] bound by purple composite line joining 24°33.0'N 83°05.0'W 24°33.0'N 83°09.0'W 24°18.0'N 83°09.0'W 24°18.0'N 83°05.0'W
	(Side B) Add Ra ref to beacon "3" (NTM0002/2003)	30°21'14.9"N 89°04'59.3"W	"FLORIDA KEYS NATIONAL MARINE SANTUARY TORTUGAS ECOLOGICAL RESERVE TORTUGAS SOUTH (protected area: 15 CFR 922; see note 5)" area bound by blue-tint line joining 24°33.0'N 83°05.0'W 24°33.0'N 83°09.0'W 24°18.0'N 83°09.0'W 24°18.0'N 83°05.0'W
11374	31Ed. 8/02 LAST NM 7/03 (Side A) Add Position circle "Pile" [K43.1] (PA) 30°17'05"N 88°46'32"W	8/03	"FLORIDA KEYS NATIONAL MARINE SANTUARY (protected area: 15 CFR 922; see note 5)" area bound by blue-tint line joining (continued on next page)
	(Side B) Add Position circle "Pile" [K43.1] (PA) 30°17'05"N 88°46'32"W (NTM0002/2003)	30°17'05"N 88°46'32"W	24°22.0'N 82°48.0'W 24°37.0'N 83°06.0'W 24°33.0'N 83°09.0'W 24°33.0'N 83°05.0'W 24°18.0'N 83°05.0'W
11420	26Ed. 1/13/01 LAST NM 7/03 Delete Green-tint line joining	8/03 24°46.0'N 82°54.0'W 24°40.0'N 83°06.0'W 24°39.0'N 83°06.0'W	"ANCH...A)" area bound by purple dashed line joining 24°46.0'N 82°54.0'W 24°40.0'N 83°06.0'W 24°37.0'N 83°06.0'W 24°32.0'N 83°00.1'W 24°39.0'N 83°00.1'W (See 7/03-11420)
Add	"RESTRICTED ANCH 922.164g; (see note A)" area [N20] bound by purple composite line joining 24°39.0'N 83°00.1'W 24°39.0'N 83°06.0'W 24°37.0'N 83°06.0'W 24°32.0'N 83°00.1'W	24°39.0'N 83°00.1'W 24°39.0'N 83°06.0'W 24°37.0'N 83°06.0'W 24°32.0'N 83°00.1'W	"PROHIBITED ANCHORAGE 922.164d; (see note A)" area [N20] bound by purple composite line joining 24°45.8'N 82°48.0'W 24°46.0'N 82°54.0'W 24°46.0'N 83°06.0'W 24°39.0'N 83°06.0'W 24°39.0'N 82°58.0'W 24°43.0'N 82°54.0'W 24°43.5'N 82°52.0'W 24°43.5'N 82°48.0'W
	"PROHIBITED ANCHORAGE 922.164d; (see note A)" area [N20] bound by purple composite line joining 24°45.8'N 82°48.0'W 24°46.0'N 82°54.0'W 24°46.0'N 83°06.0'W 24°39.0'N 83°06.0'W 24°39.0'N 82°58.0'W 24°43.0'N 82°54.0'W 24°43.5'N 82°52.0'W 24°43.5'N 82°48.0'W	24°45.8'N 82°48.0'W 24°46.0'N 82°54.0'W 24°46.0'N 83°06.0'W 24°39.0'N 83°06.0'W 24°39.0'N 82°58.0'W 24°43.0'N 82°54.0'W 24°43.5'N 82°52.0'W 24°43.5'N 82°48.0'W	Green-tint line (Particularly Sensitive Sea Area) joining 24°46.0'N 82°54.0'W 24°46.0'N 83°06.0'W 24°39.0'N 83°06.0'W

SECTION I

NM 8/03

11423 (Continued)

“PARTICULARLY SENSITIVE SEA AREA
(NOTE NO 9)” bound by green-tint dashed line
joining
24°52.0'N 80°26.0'W
24°37.9'N 80°47.3'W
24°29.2'N 81°17.3'W
24°22.3'N 81°43.2'W
24°23.0'N 81°53.5'W
24°23.0'N 82°03.5'W
24°23.4'N 82°20.5'W
24°22.0'N 82°48.0'W
24°18.0'N 83°05.0'W
24°18.0'N 83°06.0'W
24°33.0'N 83°09.0'W
24°37.0'N 83°06.0'W
24°46.0'N 83°06.0'W
24°46.0'N 82°54.0'W
24°45.5'N 82°48.0'W
24°44.0'N 81°55.0'W
24°51.0'N 81°26.0'W
24°55.0'N 80°56.0'W

Note: Area extends beyond chart border

No. 9 to NOTES

“9. PARTICULARLY SENSITIVE
SEA AREA

The Particularly Sensitive Sea Area (PSSA) is indicated by a dashed green limiting line highlighted with a green screened band or by a green screened band used in conjunction with the line symbol for other limits with which the PSSA coincides. A PSSA is an environmentally sensitive area around which mariners should exercise extreme caution. See U.S. Coast Pilot volumes for information regarding this area.”

26°00.0'N 80°48.0'W

(NOS; US CH 11420)

11435 13Ed. 9/27/97 LAST NM N20/02

Delete Dashed line between

N8/03
24°46.0'N 82°54.0'W
24°40.0'N 83°06.0'W

Add

“RESTRICTED ANCHORAGE 922.164g (see note 5)” area [N20] bound by chart border and purple composite line joining

24°39.0'N 83°00.1'W
24°39.0'N 83°06.0'W
24°37.0'N 83°06.0'W
24°32.0'N 83°00.1'W

“PROHIBITED ANCHORAGE 922.164d (see note 5)” area [N20] bound by chart border and purple composite line joining

24°45.8'N 82°48.0'W
24°46.0'N 82°54.0'W
24°46.0'N 83°06.0'W
24°39.0'N 83°06.0'W
24°39.0'N 82°58.0'W
24°43.0'N 82°54.0'W
24°43.5'N 82°52.0'W
24°43.5'N 82°48.0'W

Legend “TORTUGAS ECOLOGICAL RÉSERVE TORTUGAS NORTH (protected area: 15 CFR 922; see note 5)” 24°44.5'N 83°01.5'W

“PROHIBITED ANCHORAGE 922.164d (see note 5)” area [N20] bound by purple composite line joining

24°33.0'N 83°06.0'W
24°33.0'N 83°05.0'W
24°18.0'N 83°05.0'W
24°18.0'N 83°06.0'W

Note: Area extends beyond chart border

Legend “FLORIDA KEYS NATIONAL MARINE SANCTUARY TORTUGAS ECOLOGICAL RESERVE TORTUGAS SOUTH (protected area: 15 CFR 922; see note 5)” 24°22.5'N 83°05.5'W

“PARTICULARLY SENSITIVE SEA AREA (NOTE NO 9)” bound by green-tint dashed line joining
24°32.8'N 81°05.0'W
24°22.3'N 81°43.2'W
24°23.0'N 81°53.5'W
24°23.0'N 82°03.5'W
24°23.4'N 82°20.5'W
24°22.0'N 82°48.0'W
24°18.0'N 83°05.0'W
24°18.0'N 83°06.0'W

Note: Area extends beyond chart border

“PARTICULARLY SENSITIVE SEA AREA (NOTE NO 9)” bound by green-tint dashed line

joining
24°46.0'N 83°06.0'W
24°46.0'N 82°54.0'W
24°45.5'N 82°48.0'W
24°44.0'N 81°55.0'W
24°51.0'N 81°26.0'W
24°55.0'N 80°56.0'W

Note: Area extends beyond chart border

No. 9 to NOTES in center right margin of chart
“9. PARTICULARLY SENSITIVE SEA AREA

The Particularly Sensitive Sea Area (PSSA) is indicated by a dashed green limiting line highlighted with a green screened band or by a green screened band used in conjunction with the line symbol for other limits with which the PSSA coincides. A PSSA is an environmentally sensitive area around which mariners should exercise extreme caution. See U.S. Coast Pilot volumes for information regarding this area.”

(NOS; US CH 11434)

11438 11Ed. 12/13/97 LAST NM 7/03

Delete Legend “ANCH...A” 24°43'18"N 82°57'00"W
Legend “FLORIDA...A” 24°43'40"N 82°57'00"W
Legend “ANCH...A” 24°39'10"N 83°00'24"W
Legend “ANCH...A” 24°34'45"N 83°00'24"W

Purple composite-line joining

24°39'44"N 83°00'03"W
24°39'42"N 83°00'05"W
24°33'03"N 83°00'03"W

Add

Purple composite line [N20] between

24°39'44"N 83°00'03"W
24°33'03"N 83°00'03"W

Legend “RESTRICTED ANCHORAGE

922.164g; (see note A)” 24°38'37"N 83°00'28"W
Legend “RESTRICTED ANCHORAGE

922.164g; (see note A)” 24°34'45"N 83°00'18"W

Purple composite line [N20] joining

24°44'02"N 82°48'00"W
24°43'32"N 82°48'00"W
24°43'32"N 82°52'00"W
24°43'00"N 82°54'00"W
24°39'00"N 82°58'00"W
24°39'00"N 83°00'59"W

Note: Line extends beyond chart border

Legend in blue “TORTUGAS ECOLOGICAL

RÉSERVE TORTUGAS NORTH (protected area: 15 CFR 922; see note A)” 24°43'47"N 82°49'07"W

Legend in purple “PROHIBITED

ANCHORAGE 922.164d; (see note A)” 24°43'39"N 82°49'07"W

Legend in blue “TORTUGAS ECOLOGICAL

RÉSERVE TORTUGAS NORTH (protected area: 15 CFR 922; see note A)” 24°43'40"N 82°57'00"W

Legend in purple “PROHIBITED

ANCHORAGE 922.164d; (see note A)” 24°43'34"N 82°57'00"W

Legend in blue “TORTUGAS ECOLOGICAL

RÉSERVE TORTUGAS NORTH (protected area: 15 CFR 922; see note A)” 24°39'38"N 82°58'25"W

Legend in purple “PROHIBITED

ANCHORAGE 922.164d; (see note A)” 24°39'28"N 82°58'25"W

(NOS)

★11472 31Ed. 12/02 NEW EDITION
(Side A, Inset 1)

Delete Range lights (2) and range line between
27°28'20"N 80°17'42"W
27°28'12"N 80°17'58"W

(Previously published 51/02)

★11489 34Ed. 12/02 NEW EDITION

(NOS)

8/03

8/03

SECTION I

11520	40Ed. 6/02 LAST NM 7/03 Add Ball topmark to buoy "BM" (1/03 CG5)	8/03 34°34.8'N 76°41.7'W	★12277	31Ed. 4/13/02 LAST NM 50/02 Add Depth 21 feet Obstn [K41] (NOS)	8/03 39°34'34.1"N 75°32'47.8"W
★11524	46Ed. 12/02 NEW EDITION Relocate Buoy "49" from 32°50'35.9"N 79°55'46.2"W to 32°50'36.1"N 79°55'47.8"W (Previously published 4/03) (NOS)	8/03	12282	33Ed. 6/02 LAST NM 7/03 Relocate Light "2W" from 38°59'13.9"N 76°26'16.9"W to 38°59'12.7"N 76°26'16.6"W (2/03 CG5)	8/03
11525	6Ed. 9/23/00 LAST NM N6/03 Add Ball topmark to buoy "BM" (1/03 CG5)	N8/03 34°35.0'N 76°41.4'W	★12283	24Ed. 1/6/01 LAST NM 5/02 Relocate Light "2W" from 38°59'13.9"N 76°26'16.6"W to 38°59'12.7"N 76°26'16.6"W (2/03 CG5)	8/03
★11541	33Ed. 11/02 NEW EDITION (Side A) Change Legend to "15 FT MID 80 FT" Legend to "5 FT 2002" (Previously published 6/03)	8/03 34°43'30"N 76°40'10"W 34°43'53"N 76°40'18"W	12311	41Ed. 9/15/01 LAST NM 52/02 Add Depth 21 feet Obstn [K41] (NOS)	8/03 39°34'34"N 75°32'48"W
11543	22Ed. 7/7/01 LAST NM 39/02 Change Characteristic of buoy "8" to QR (Supersedes 29/02-11543)	8/03 34°38'51"N 76°40'31"W	★12324	30Ed. 11/02 LAST NM 2/03 (Side A) Delete Depth 46 feet Add Depth 44 feet Obstn [K41] Depth 29 feet Tabulation of controlling depths from Subsection I-2 (NOS)	8/03 40°29'12"N 73°55'50"W 40°29'00"N 73°54'42"W 40°29'15"N 73°55'49"W
11544	37Ed. 6/02 LAST NM 36/02 Change Characteristic of buoy "8" to QR (See 36/02-11544)	8/03 34°38'52"N 76°40'32"W	12326	48Ed. 4/21/01 LAST NM 4/03 Delete Depth 46 feet Add Depth 44 feet Obstn [K41] Depth 29 feet (NOS)	8/03 40°29'12"N 73°55'50"W 40°29'00"N 73°54'42"W 40°29'15"N 73°55'49"W
11545	60Ed. 9/02 LAST NM 6/03 Change Characteristic of buoy "8" to QR (Supersedes 29/02-11547)	8/03 34°38'52"N 76°40'32"W	★12327	96Ed. 11/02 LAST NM 2/03 Delete Depth 46 feet Add Depth 28 feet Obstn [K41] Depth 36 feet Obstn [K41] Depth 34 feet Wk [K26] Depth 44 feet Obstn [K41] Depth 29 feet (NOS)	8/03 40°29'12"N 73°55'50"W 40°40'16"W 74°03'03"W 40°39'36"W 74°02'50"W 40°41'27"N 74°01'34"W 40°29'00"N 73°54'42"W 40°29'15"N 73°55'49"W
★11547	35Ed. 3/30/02 LAST NM 6/03 Change Characteristic of buoy "8" to QR (Supersedes 29/02-11547)	8/03 34°38'52"N 76°40'32"W	★12331	30Ed. 12/02 NEW EDITION (NOS)	8/03
	Add Ball topmark to buoy "BM" (NOS; 1, 2/03 CG5)	34°34'49.4"N 76°41'33.2"W 34°42'53.1"N 76°41'40.2"W	★12334	64Ed. 8/12/00 LAST NM 2/03 Add Depth 28 feet Obstn [K41] Depth 36 feet Obstn [K41] Depth 34 feet Wk [K26] (NOS)	8/03 40°40'15.8"N 74°03'02.9"W 40°39'35.9"N 74°02'50.1"W 40°41'26.5"N 74°01'33.5"W
★11553	28Ed. 12/02 NEW EDITION (NOS)	8/03	12335	39Ed. 12/8/01 LAST NM 1/03 Add Depth 34 feet Wk [K26] (NOS)	8/03 40°41'26.5"N 74°01'33.5"W
★12210	36Ed. 11/02 NEW EDITION (NOS)	8/03	★13246	36Ed. 3/10/01 LAST NM 27/02 Add Buoy "A" W Or, can (Priv) Buoy "B" W Or, can (Priv) Buoy "C" W Or, Fl 4s (Priv) Buoy "D" W Or, can (Priv) Buoy "E" W Or, can (Priv) Buoy "F" W Or, can (Priv) Buoy "G" W Or, can (Priv) Buoy "H" W Or, can (Priv) Buoy "I" W Or, can (Priv) Buoy "J" W Or, Fl 4s (Priv) Buoy "K" W Or, can (Priv) Buoy "L" W Or, can (Priv) (2/03 CG1)	8/03 41°57'05"N 70°34'51"W 41°57'09"N 70°34'47"W 41°57'12"N 70°34'42"W 41°57'08"N 70°34'36"W 41°57'04"N 70°34'30"W 41°57'00"N 70°34'24"W 41°56'55"N 70°34'18"W 41°56'51"N 70°34'12"W 41°56'47"N 70°34'06"W 41°56'43"N 70°34'00"W 41°56'39"N 70°34'05"W 41°56'35"N 70°34'09"W
★12224	23Ed. 12/02 NEW EDITION (NOS)	8/03	13253	18Ed. 11/02 LAST NM 3/03 Add Buoy "A" W Or, can (Priv) Buoy "B" W Or, can (Priv)	8/03 41°57'05.1"N 70°34'51.1"W 41°57'08.6"N 70°34'46.6"W
★12245	60Ed. 1/26/02 LAST NM 6/03 Relocate Buoy "IER" from 36°59'17.7"N 76°18'41.2"W to 36°59'16.6"N 76°18'41.3"W	8/03			
	Add Land tint to area bound by shore and solid line [F13] joining 36°55'37.3"N 76°19'45.0"W 36°55'37.3"N 76°19'46.8"W 36°55'21.9"N 76°19'45.1"W 36°55'22.1"N 76°19'43.0"W and delete all hydrography and blue tint within above limits (See 6/03-12245) (NOS; 1/03 CG5)				
★12248	39Ed. 2/9/02 LAST NM 6/03 Delete Buoy "28A" (2/03 CG5)	8/03 37°10'28"N 76°37'50"W			

(continued on next page)

SECTION I

NM 8/03

(continued on next page)

SECTION I

17382	(Continued)				
	Depth 1 1/2 fathoms	56°08'54"N 132°55'56"W			
	Depth 1 fathom	56°09'40"N 132°57'46"W			
	Depth 2 fathoms	56°09'43"N 132°58'13"W			
	Depth 3 fathoms	56°11'11"N 132°59'02"W			
	(NOS)				
★17383	1Ed. 6/02 LAST NM 49/02	8/03			
Delete	Depth 5 fathoms 5 feet	56°09'38.2"N 132°57'44.2"W			
	Depth 9 fathoms	56°11'19.9"N 132°57'52.2"W			
	Depth 12 fathoms	56°11'38.0"N 132°59'28.8"W			
Substitute	Rock awash [K12] for rock awash [Kal]				
		56°11'28.4"N 132°58'57.7"W			
	Rock awash [K12] for depth 0 fathom 3 feet	56°11'16.0"N 132°57'01.1"W			
	Depth 2 fathoms 5 feet for 8 fathoms	56°09'11.0"N 132°54'44.9"W			
	Depth 2 fathoms 3 feet for 9 fathoms	56°09'11.3"N 132°55'21.2"W			
	Depth 2 fathoms 1 foot for 3 fathoms	56°10'45.8"N 132°55'34.0"W			
	Depth 3 fathoms 5 feet for 5 fathoms 5 feet	56°09'10.0"N 132°56'07.9"W			
	Depth 2 fathoms 3 feet for 4 fathoms 3 feet	56°09'36.3"N 132°56'21.7"W			
	Depth 6 fathoms 1 foot for 8 fathoms	56°09'47.8"N 132°56'34.2"W			
	Depth 2 fathoms 1 foot for 5 fathoms 3 feet	56°10'59.7"N 132°56'58.8"W			
	Depth 3 fathoms 3 feet for 7 fathoms 5 feet	56°10'38.6"N 132°57'03.9"W			
	Depth 3 fathoms 5 feet for 6 fathoms 3 feet	56°11'05.8"N 132°57'05.5"W			
	Depth 1 fathom 3 feet for 3 fathoms 3 feet	56°09'23.8"N 132°57'23.6"W			
	Depth 1 fathom 1 foot for 6 fathoms 1 foot	56°10'36.5"N 132°58'07.5"W			
	Depth 0 fathom 3 feet for 1 fathom 3 feet	56°11'39.9"N 132°59'46.4"W			
Add	Rock awash [K12]	56°11'35.4"N 132°59'25.1"W			
	Rock awash [K12]	56°09'04.5"N 132°54'43.3"W			
	Depth 6 fathoms 3 feet	56°08'50.5"N 132°53'14.7"W			
	Depth 6 fathoms 1 foot	56°08'55.0"N 132°53'38.2"W			
	Depth 0 fathom 5 feet	56°09'13.4"N 132°54'06.9"W			
	Depth 4 fathoms 1 foot	56°09'22.7"N 132°54'37.8"W			
	Depth 0 fathom 1 foot	56°09'44.5"N 132°55'16.1"W			
	Depth 6 fathoms 1 foot	56°09'23.2"N 132°55'26.7"W			
	Depth 1 fathom 3 feet	56°09'02.0"N 132°55'28.0"W			
	Depth 5 fathoms 1 foot	56°09'33.9"N 132°55'36.0"W			
	Depth 0 fathom 1 foot	56°09'42.0"N 132°55'41.0"W			
	Depth 3 fathoms 5 feet	56°09'27.1"N 132°55'46.5"W			
	Depth 1 fathom 1 foot	56°10'07.8"N 132°55'51.1"W			
	Depth 4 fathoms 3 feet	56°09'16.1"N 132°55'54.7"W			
	Depth 1 fathom 3 feet	56°08'54.0"N 132°55'55.8"W			
	Depth 1 fathom 3 feet	56°10'25.9"N 132°55'59.2"W			
	Depth 3 fathoms 1 foot	56°09'29.9"N 132°56'08.2"W			
	Depth 9 fathoms 1 foot	56°09'47.3"N 132°56'12.1"W			
	Depth 0 fathom 1 foot	56°08'45.5"N 132°56'12.9"W			
	Depth 1 fathom	56°09'18.0"N 132°56'18.8"W			
	Depth 2 fathoms	56°08'38.7"N 132°56'30.6"W			
	Depth 3 fathoms 3 feet	56°09'32.4"N 132°56'36.9"W			
	Depth 7 fathoms 1 foot	56°10'48.3"N 132°56'53.2"W			
	Depth 3 fathoms 3 feet	56°09'21.6"N 132°57'02.0"W			
	Depth 1 fathom 1 foot	56°09'35.1"N 132°57'04.1"W			
	Depth 0 fathom 1 foot	56°10'22.1"N 132°57'16.8"W			
	Depth 0 fathom 3 feet	56°11'19.8"N 132°57'22.3"W			
	Depth 8 fathoms 3 feet	56°09'49.3"N 132°57'36.5"W			
	Depth 1 fathom	56°09'39.5"N 132°57'45.8"W			
	Depth 1 fathom 5 feet	56°11'29.6"N 132°57'47.1"W			
	Depth 2 fathoms 1 foot	56°11'20.2"N 132°57'49.9"W			
	Depth 0 fathom 3 feet	56°10'27.5"N 132°58'05.8"W			
	Depth 5 fathoms 1 foot	56°09'56.8"N 132°58'07.0"W			
	Depth 1 fathom 3 feet	56°09'23.7"N 132°58'10.5"W			
	Depth 2 fathoms 1 foot	56°09'43.2"N 132°58'13.4"W			
	Depth 2 fathoms	56°11'19.5"N 132°58'19.0"W			
	Depth 9 fathoms	56°09'34.4"N 132°58'20.2"W			
	Depth 3 fathoms 3 feet	56°10'07.1"N 132°58'23.5"W			
	Depth 1 fathom	56°09'49.5"N 132°58'26.9"W			
	Depth 3 fathoms 5 feet	56°10'12.9"N 132°58'35.2"W			
	Depth 4 fathoms 1 foot	56°09'58.9"N 132°58'38.6"W			
	Depth 3 fathoms 5 feet	56°10'52.1"N 132°58'54.6"W			
	Depth 3 fathoms 1 foot	56°11'10.5"N 132°59'02.0"W			
	Depth 5 fathoms 5 feet	56°11'38.5"N 132°59'33.1"W			
	Depth 1 fathom	56°11'25.9"N 133°00'30.6"W			
	(NOS)				
★18548	5Ed. 12/02 NEW EDITION	8/03			
	(NOS)				
★18687	13Ed. 11/02 NEW EDITION	8/03			
	(NOS)				
★19421	7Ed. 12/02 NEW EDITION	8/03			
	(NOS)				
21023	41Ed. 3/3/84 LAST NM 7/03	8/03			
	Change Visibility (range) of light to 16M	15°51.0'N 97°04.5'W			
	Visibility (range) of light to 20M	15°38.6'N 96°31.2'W			
	Visibility (range) of light to 10M	15°52.5'N 95°46.8'W			
	Visibility (range) of light to 10M (Mex LL)	16°12.8'N 94°48.5'W			
22311	19Ed. 4/5/97 LAST NM 6/00 (Plan Port of Talcahuano)	8/03			
	Add Dangerous wreck [K28] (1(126)03 Taunton)	36°42'38.5"S 73°05'59.0"W			
22313	2Ed. 10/12/96 LAST NM 44/02	8/03			
	Add Dangerous wreck [K28] (1(126)03 Taunton)	36°42'39"S 73°05'59"W			
23142	10Ed. 8/22/98 LAST NM 51/01 (Plan)	8/03			
	Delete Range line and legend "Lights...312°36"" between	38°02'13.7"S 57°31'59.0"W			
		38°02'28.3"S 57°31'38.9"W			
	Note: Range lights remain				
	Change Visibility (range) of range light, front to 7M	38°02'14.5"S 57°31'58.0"W			
	Visibility (range) of range light, rear to 7M	38°02'13.7"S 57°31'59.0"W			
	Add Depth 4.5 meters, blue tint and enclosing depth contour (6-meter)	38°02'11.0"S 57°31'40.6"W			
	Depth 4.8 meters, blue tint and enclosing depth contour (6-meter)	38°02'15.4"S 57°31'37.9"W			
	Depth 1.5 meters, blue tint and enclosing depth contours (3-meter and 6-meter)	38°02'16.7"S 57°31'43.9"W			
	Depth 6.7 meters	38°02'20.0"S 57°31'49.4"W			
	Range line extending in 137° direction from range light, rear	38°02'13.7"S 57°31'59.0"W			
	dashed for 295 meters, thence solid for 360 meters				
	Note: Change in position of front range light too minor to require relocation on chart				
	Legend "Lights in line 317° along above range line	38°02'23.0"S 57°31'47.5"W			
	(1(127)03 Taunton)				
24180	15Ed. 11/16/96 LAST NM 48/01	8/03			
	Change Height of light to 64m (23(161)02 Rio de Janeiro)	19°05.8'S 39°43.4'W			
24430	5Ed. 8/7/93 LAST NM 39/02	8/03			
	Add Legend "Rep missing (2002)" at platform (51(5530)02 Taunton)	10°23.5'N 65°09.0'W			
★25653	13Ed. 12/02 NEW EDITION	8/03			
	(NOS)				
26261	27Ed. 5/20/95 LAST NM 50/97	8/03			
	Delete Dangerous rock (PD) and legend "South Rk" Dangerous rock (PD)	21°03.8'N 71°44.8'W			
	Dangerous rock (PD)	21°05.7'N 71°42.0'W			
	Add Dangerous submerged rock [K13] (PA)	21°04.0'N 71°43.7'W			
	Dangerous submerged rock [K13] (PA)	21°05.3'N 71°41.7'W			

(continued on next page)

SECTION I

NM 8/03

26261 (Continued)

Dangerous submerged rock [K13] (PA) 21°05.9'N 71°39.8'W
 (1(130)03 Taunton)

26262 3Ed. 5/2/95 LAST NM 42/95 8/03
 Add Solid line (pier) [F14] between 21°26'02.5"N 71°08'47.0"W
 21°26'01.2"N 71°08'59.4"W

Light 2 FR 21°26'01.2"N 71°08'59.4"W
 (1(131)03 Taunton)

27005 4Ed. 6/1/96 LAST NM 6/03 8/03

Add "Prohibited Area" [N2.2] bound by shore and purple composite line joining 22°08'N 81°16'W
 21°45'N 81°20'W
 21°40'N 81°03'W
 21°50'N 80°35'W
 22°02'N 80°29'W

(1(5)02 Habana)

27100 2Ed. 7/8/95 LAST NM 31/02 8/03

Delete Dashed line between 24°45.0'N 82°56.0'W
 24°40.0'N 83°06.0'W

Add "PROHIBITED ANCHORAGE 922.164d (see note)" area [N20] bound by purple composite line joining 24°33.0'N 83°05.0'W
 24°33.0'N 83°09.0'W
 24°18.0'N 83°09.0'W
 24°18.0'N 83°05.0'W

"FLORIDA KEYS NATIONAL MARINE SANTUARY TORTUGAS ECOLOGICAL RESERVE TORTUGAS SOUTH (protected area: 15 CFR 922; see note)" bound by blue-tint line joining 24°33.0'N 83°05.0'W
 24°33.0'N 83°09.0'W
 24°18.0'N 83°09.0'W
 24°18.0'N 83°05.0'W

"RESTRICTED ANCH 922.164g; (see note)" area [N20] bound by purple composite line joining 24°39.0'N 83°00.1'W
 24°39.0'N 83°06.0'W
 24°37.0'N 83°06.0'W
 24°32.0'N 83°00.1'W

"PROHIBITED ANCHORAGE 922.164d; (see note)" area [N20] bound by purple composite line joining 24°45.0'N 83°06.0'W
 24°39.0'N 83°06.0'W
 24°39.0'N 82°58.0'W
 24°42.0'N 82°55.0'W

Note: Area extends beyond chart border

Legend "TORTUGAS ECOLOGICAL RESERVE TORTUGAS NORTH (protected area: 15CFR 922; see note)" 24°44.0'N 83°00.0'W

"FLORIDA KEYS NATIONAL MARINE SANTUARY" area bound by blue-tint line joining 24°27.8'N 82°55.0'W
 24°37.0'N 83°06.0'W
 24°33.0'N 83°09.0'W
 24°33.0'N 83°05.0'W
 24°18.0'N 83°05.0'W
 24°20.5'N 82°55.0'W

Note: Area extends beyond chart border

"PARTICULARLY SENSITIVE SEA AREA (see note)" bound by green-tint dashed line joining 24°20.3'N 82°55.0'W
 24°18.0'N 83°05.0'W
 24°18.0'N 83°09.0'W
 24°33.0'N 83°09.0'W
 24°37.0'N 83°06.0'W
 24°45.0'N 83°06.0'W

Note: Area extends beyond chart border

Note in upper right margin of chart
 "PARTICULARLY SENSITIVE SEA AREA
 The Particularly Sensitive Sea Area (PSSA) is indicated by a dashed green limiting line highlighted with a green screened band or by a green screened band used in conjunction with the line symbol for other limits with which the PSSA coincides. A PSSA is an environmentally sensitive area around which mariners should exercise extreme caution. See U.S. Coast Pilot volumes for information regarding this area."
 (NOS; US CH 11434)

27160 2Ed. 12/2/95 LAST NM 33/01 8/03

Add "Prohibited Area" [N2.2] bound by shore and purple composite line joining 22°02.5'N 80°29.0'W
 21°50.0'N 80°35.0'W
 21°40.0'N 81°03.0'W
 21°45.0'N 81°20.0'W
 22°05.0'N 81°17.0'W

Note: Area extends beyond chart border
 (1(5)02 Habana)

27161 4Ed. 7/15/95 LAST NM 33/01 8/03

Add "Prohibited Area" [N2.2] bound by shore and purple composite line joining 22°02'45"N 80°29'00"W
 21°50'00"N 80°35'00"W
 21°40'00"N 81°03'00"W
 21°45'00"N 81°20'00"W
 22°05'47"N 81°17'00"W

(1(5)02 Habana)

27163 21Ed. 11/5/94 LAST NM 49/02 8/03

Add Purple composite line between 22°02'40"N 80°29'55"W
 22°00'25"N 80°30'10"W

Purple composite line between 21°59'29"N 80°30'36"W
 21°59'24"N 80°30'38"W

Legend "Prohibited Area" 22°02'09"N 80°29'44"W
 (1(5)02 Habana)

28004 1Ed. 7/4/92 LAST NM 45/02 8/03

Add "Prohibited Area" [N2.2] bound by shore and purple composite line joining 22°08'N 81°16'W
 21°45'N 81°20'W
 21°40'N 81°03'W
 21°50'N 80°35'W
 22°02'N 80°29'W

(1(5)02 Habana)

28006 1Ed. 1/4/92 LAST NM 37/01 8/03

Delete Depth 161 meters 16°22.0'N 84°05.0'W

Add Depth 791 meters 16°26.4'N 84°07.3'W
 (NTM0004/2003)

28150 3Ed. 9/2/95 LAST NM 28/01 8/03

(Panel B)
 Delete Depth 161 meters and enclosing depth contour 16°22.5'N 84°05.0'W

Add Depth 791 meters 16°26.4'N 84°07.3'W
 (NTM0004/2003)

35040 18Ed. 5/10/97 LAST NM 4/03 8/03

Add Submarine cable [L30.1] joining 54°10'46"N 0°16'10"W
 54°11'28"N 0°06'53"W
 54°13'22"N 0°01'26"W
 54°19'58"N 0°04'02"E
 54°30'41"N 0°27'44"E
 54°32'34"N 0°33'10"E
 54°49'16"N 1°14'11"E
 54°50'02"N 1°23'58"E
 54°50'37"N 1°26'42"E
 54°50'06"N 1°27'16"E
 54°50'06"N 1°38'45"E
 (28(2898)02 Taunton)

36060 17Ed. 8/23/97 LAST NM 5/03 8/03

Add Depth 27 meters Wk [K26] 54°02.6'N 4°47.8'W
 (1(35)03 Taunton)

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36120	9Ed. 2/8/97 LAST NM 5/03 Add Depth 27 meters Wk [K26] (1(35)03 Taunton)	54°02.6'N 4°47.8'W	8/03	Light to 2 AERO Q 202/103m and delete legend "(R Lts)" (See 1/01-44049) (28(677)00 Norrkoping)	55°34'34"N 12°49'25"E
36164	7Ed. 8/29/98 LAST NM 46/02 (Plan A) Add Depth 9.4 meters (22(2180)01 Taunton)	51°30'11.4"N 2°44'52.2"W	8/03	44105 2Ed. 1/29/94 LAST NM 6/03 Change Light to Fl 3s 3m 3M and delete sector limits (Swd LL)	56°09'12"N 14°58'12"E
37034	2Ed. 9/12/98 LAST NM 43/01 Substitute Depth 3.2 meters for 4.6 meters (34(588)02 Cadiz)	42°50.0'N 9°12.2'W	8/03	44180 6Ed. 7/6/91 LAST NM 7/03 Change Visibility (range) of light to 8M (27(591)98 Helsinki)	59°28.3'N 20°49.0'E
37226	17Ed. 12/27/97 LAST NM 39/02 Delete Buoy "WE 28" (25(44)99 Hamburg)	53°55'35"N 8°34'08"E	8/03	44183 6Ed. 4/19/97 LAST NM 6/03 Add Buoy Y, spar (22(535)00 Norrkoping)	59°22'23"N 18°17'48"E
37228	14Ed. 7/25/98 LAST NM 27/02 Delete Buoy (25(46)99 Hamburg)	53°45'32.0"N 9°23'37.0"E	8/03	44186 2Ed. 6/15/96 LAST NM 5/03 Substitute Depth 1 meter Rk [K14.2] for 1.5 meters	59°30'14"N 18°31'10"E
37229	15Ed. 5/23/98 LAST NM 17/02 Delete Buoy "D-Reede 1" Buoy "D-Reede 3" Buoy "D-Reede 5"	53°37'53.4"N 9°33'52.8"E 53°37'40.2"N 9°33'42.0"E 53°37'31.2"N 9°33'28.8"E	8/03	Add Submarine cable (power) [L31.1] between 59°33'08"N 18°35'17"E 59°32'44"N 18°36'48"E (18(554), 21(634), 22(659)99 Norrkoping)	
	(Plan) Delete Buoy "D-Reede 5" (27(47)99 Hamburg)	53°37'31.2"N 9°33'28.8"E		44283 2Ed. 4/6/96 LAST NM 50/02 Delete Buoy Buoy	65°32'44.4"N 22°14'41.4"E 65°33'03.0"N 22°12'43.2"E
37234	13Ed. 4/3/99 LAST NM 7/03 Relocate Buoy "F 17" from 53°36'56.0"N to 53°37'00.0"N 8°21'13.2"E (19(4)99 Hamburg)	8/03		Change Buoy to "31" R, can, Fl R 3s (22(655)99 Norrkoping)	65°33'03.6"N 22°12'37.8"E
37501	3Ed. 2/8/97 LAST NM 7/03 Add Depth 7.2 meters and extend depth contour (10-meter) to enclose (34(587)02 Cadiz)	43°24'06"N 8°20'47"W	8/03	44320 4Ed. 9/21/96 LAST NM 6/03 Change Visibility (range) of light to 8M Visibility (range) of light to 17M (27(591)98 Helsinki)	59°28.5'N 20°49.0'E 59°47.0'N 21°22.0'E
37506	4Ed. 6/24/00 LAST NM 51/02 Delete Depth 8.1 meters	43°24'09.5"N 8°20'44.0"W	8/03	44321 6Ed. 9/3/94 LAST NM 6/03 Change Visibility (range) of light to 17M Buoy to G, pillar, cone topmark, Fl G 3s (27(583, 591)98 Helsinki; Fin LL)	59°46'02"N 22°56'55"E 59°53'11"N 22°48'54"E
	Add Depth 7.2 meters and extend depth contour (10-meter) to enclose (34(587)02 Cadiz)	43°24'06.0"N 8°20'46.8"W			
42742	3Ed. 4/13/96 LAST NM 6/03 Add Depth 20 meters Wk [K30] (unsurveyed)	69°20'02"N 34°32'26"E (43(6592)02 St. Petersburg)	8/03	44340 11Ed. 8/10/96 LAST NM 6/03 Delete Buoy "1"	59°58.7'N 27°01.3'E
42760	5Ed. 8/19/95 LAST NM 12/02 Add Depth 20 meters Wk [K30] (unsurveyed)	69°20.0'N 34°32.4'E (43(6592)02 St. Petersburg)	8/03	Add Submarine pipeline between 59°29.0'N 24°41.1'E 59°30.0'N 24°38.9'E	
44001	2Ed. 10/19/96 LAST NM 6/03 Change Visibility (range) of light to 8M Light to Fl(2) 12s, F 17M (27(591)98 Helsinki)	59°28.3'N 20°49.0'E 59°47.0'N 21°22.0'E	8/03	Buoy RW, pillar, ball topmark, L Fl 6s (11(126)99, 11(113, 114)01 Tallinn)	59°58.5'N 27°03.0'E
44015	8Ed. 7/22/95 LAST NM 7/03 Change Visibility (range) of light to 8M Light to Fl(2), F 17M Visibility (range) of light to 17M (27(591)98 Helsinki)	59°28.3'N 20°49.0'E 59°47.0'N 21°22.0'E 59°46.0'N 22°56.9'E	8/03	44352 2Ed. 4/27/96 LAST NM 7/03 Change Height of range light, front to 11m Height of range light, rear to 18m Legend to "Lights in line 044°24" (10(108, 109)01 Tallinn; Est LL)	59°30'00.0"N 24°48'51.0"E 59°30'03.0"N 24°48'56.4"E 59°29'30.0"N 24°47'45.0"E
44030	7Ed. 6/14/97 LAST NM 4/03 Change Light to Fl(2), F 17M (27(591)98 Helsinki)	59°47.0'N 21°22.0'E	8/03	Add Double solid line with land tint (mole extension) [F12] between 59°29'56.2"N 24°48'37.1"E 59°29'54.0"N 24°48'33.2"E (10(108, 109)01 Tallinn; Est LL)	
44049	9Ed. 6/15/96 LAST NM 50/02 Change Light to 2 AERO Q 202/103m and delete legend "(R Lts)"	55°34'29"N 12°49'49"E	8/03	44365 1Ed. 8/3/91 LAST NM 7/03 Delete Depth 5.6 meters (25(353)09 St. Petersburg)	60°40'25.8"N 28°39'13.2"E
				44400 4Ed. 9/7/96 LAST NM 7/03 Add Buoy R, spar Buoy G, spar (10(111)01 Tallinn)	58°13.3'N 24°05.8'E 58°13.3'N 24°05.9'E

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NM 8/03

44420	6Ed.	12/14/96	LAST NM 49/02	8/03	Add Light Fl(5) Y 20s to superbuoy ODAS (See 49/02-44420)	57°25.0'N 19°03.1'E	Add Double solid line with land tint (breakwater) [F4.1] between 35°17'23.2"N 2°55'24.2"E 35°17'19.8"N 2°55'22.8"E
51100	7Ed.	10/22/94	LAST NM 7/03	8/03	Substitute Depth 3.2 meters for 4.6 meters	42°50.0'N 9°12.2'W	
	Add	Depth 4.4 meters, blue tint and enclosing depth contour (10-meters) centered	42°30.6'N 9°05.2'W				
		Wreck [K29] (PA) (31(550), 551), 34(588)02 Cadiz	42°29.7'N 9°07.2'W				
51164	18Ed.	2/5/00	LAST NM 4/03	8/03	Add Buoy RW, pillar, ball topmark, L Fl 10s (35(605)02 Cadiz)	36°33'54"N 6°19'53"W	
51165	8Ed.	3/11/00	LAST NM 4/03	8/03	Relocate Light from 36°32'04.8"N 6°17'03.3"W to 36°32'06.9"N 6°17'00.0"W		
	Add	Solid line (pier) [F14] joining	36°32'04.8"N 6°17'03.3"W 36°32'05.7"N 6°17'01.8"W 36°32'06.9"N 6°17'00.0"W				
		Buoy RW, pillar, ball topmark, L Fl 10s (30(537), 35(605)02 Cadiz)	36°33'54.0"N 6°19'52.8"W				
51167	6Ed.	3/11/00	LAST NM 4/03	8/03	Relocate Light from 36°32'04.8"N 6°17'03.3"W to 36°32'06.9"N 6°17'00.0"W		
	Add	Solid line (pier) [F14] between	36°32'04.8"N 6°17'03.3"W 36°32'06.9"N 6°17'00.0"W				
		Buoy RW, pillar, ball topmark, L Fl 10s (30(537), 35(605)02 Cadiz)	36°33'54.0"N 6°19'52.8"W				
51168	2Ed.	6/25/94	LAST NM 4/03	8/03	Add Buoy RW, pillar, ball topmark, L Fl 10s (35(605)02 Cadiz)	36°33'54"N 6°19'53"W	
52039	4Ed.	11/2/02	LAST NM 7/03	8/03	Add "Tunny nets" area [K45] bound by shore and dashed line joining	36°07'37"N 5°50'34"W 36°07'32"N 5°52'05"W 36°06'24"N 5°52'05"W 36°06'19"N 5°50'35"W 36°07'04"N 5°50'05"W	
		Buoy YBY, pillar, double cone topmark points together, Q(9) 15s [Q130.3] with legend "(Mar-Jul)"	36°07'32"N 5°52'05"W				
		Buoy YBY, pillar, double cone topmark points together, Q(9) 15s [Q130.3] with legend "(Mar-Jul)"	36°06'24"N 5°52'05"W				
		Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s [Q130.3] with legend "(Mar-Jul)"	36°06'19"N 5°50'35"W				
		(29(527)02 Cadiz)					
52047	11Ed.	11/13/99	LAST NM 7/03	8/03	(Plan C) Relocate Light from 35°17'22"N 2°55'25"W to and change height to 33m	35°17'20"N 2°55'23"W	
	Add	Solid line (breakwater) [F4.1] between	35°17'22"N 2°55'25"W 35°17'20"N 2°55'23"W				
		(Plan D) Relocate Light from 35°17'24.4"N 2°55'26.2"W to and change height to 33m	35°17'19.8"N 2°55'22.8"W				
52048	3Ed.	11/3/90	LAST NM 22/00	8/03	Delete "Tunny Nets" symbol	35°52'43.0"N 5°19'05.0"W	
	Add	"Tunny Nets" area [K45] bound by dashed line joining	35°52'48.6"N 5°19'27.6"W 35°52'19.8"N 5°18'47.4"W 35°52'22.2"N 5°18'43.2"W 35°52'40.2"N 5°18'40.2"W				
		Buoy YB, pillar, double cone topmark points downward, VQ(6) + L Fl 10s with legend "(Jun-Dec)"	35°52'22.2"N 5°18'43.2"W				
		Buoy BYB, pillar, double cone topmark bases together, VQ(3) 5s with legend "(Jun-Dec)"	35°52'40.2"N 5°18'40.2"W				
52121	8Ed.	8/12/95	LAST NM 6/03	8/03	Delete Dashed-line circle and legend "Marine Farm"	40°49'43"N 0°45'53"E	
		(36(622)02 Cadiz)					
52125	1Ed.	4/28/01	LAST NM 46/02	8/03	Add Solid line (breakwater) [F4.1] between	41°17'45"N 2°07'31"E 41°17'39"N 2°07'38"E	
		Solid line (breakwater) [F4.1] joining	41°18'03"N 2°07'55"E 41°17'42"N 2°08'16"E 41°17'34"N 2°08'18"E				
		Beacon BYB, double cone topmark bases together, Q(3) 10s 5m 3M	41°17'39"N 2°07'38"E				
		(36(623)02 Cadiz; Spn LL)					
52144	5Ed.	12/25/93	LAST NM 7/03	8/03	(Plan) Add Land tint to area bound by shore and solid line between	39°32'44.5"N 2°37'45.8"E 39°32'48.2"N 2°37'46.1"E	
		Note: Works completed (See 31/00-52144)	(51(961)01 Cadiz)				
52180	14Ed.	7/31/99	LAST NM 1/03	8/03	Add Submarine cable [L30.1] joining	37°55.2"N 12°19.2"E 37°54.7"N 12°18.4"E 37°53.8"N 12°17.3"E 37°53.8"N 12°16.1"E 37°55.1"N 12°13.5"E 37°55.0"N 12°12.9"E 37°56.4"N 12°10.0"E 37°58.2"N 12°05.9"E 37°58.0"N 12°04.5"E	
		Submarine cable [L30.1] joining	37°48.2"N 12°25.6"E 37°49.1"N 12°24.4"E 37°49.9"N 12°23.2"E 37°51.0"N 12°22.6"E 37°54.7"N 12°19.8"E 37°55.1"N 12°19.7"E				
		(3(2)00 Genova)					
53101	7Ed.	1/29/94	LAST NM 33/02	8/03	Add Submarine pipeline [L41.1] with legend "2 pipelines" between	44°23'50"N 8°41'11"E 44°23'28"N 8°41'50"E	
		"Fish haven" area with blue tint [K46.1] bound by shore and dotted line (limiting danger line) joining	44°13'37"N 8°25'13"E 44°13'16"N 8°25'49"E 44°13'44"N 8°26'36"E 44°14'13"N 8°26'10"E				
		and delete depths and depth contours in within above area	(7(2), 10(1)00 Genova)				

53105	20Ed. 5/27/00 LAST NM 37/02 Delete Dashed line (overhead power cable) between 44°02'57.8"N 9°51'01.0"E 44°02'48.2"N 9°51'06.5"E (8/13)00 Genova)	8/03	54223	2Ed. 1/21/95 LAST NM 21/02 Add Light Fl(2) 6s 9m 7M (11/5)02 Split; BA LL)	8/03 43°29'18.0"N 16°23'30.0"E
53122	3Ed. 8/24/96 LAST NM 7/03 Add "Works in progress (1999)" area bound by shore and purple composite line joining 44°17'01.8"N 9°23'10.8"E 44°16'55.2"N 9°22'58.8"E 44°16'28.8"N 9°23'25.8"E 44°16'34.2"N 9°23'37.8"E (1/2)00 Genova)	8/03	54224	2Ed. 11/26/94 LAST NM 21/02 Add Light Fl(2) 6s 9m 7M (11/5)02 Split; BA LL)	8/03 43°29'18.0"N 16°23'30.0"E
53161	8Ed. 3/30/96 LAST NM 3/03 Add Racon [S3.1] at light (10/8)00 Genova)	8/03 40°39'48"N 14°44'41"E	54409	2Ed. 7/7/84 LAST NM 7/03 (Plan D) Add Chartlet A, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 36°15'00"N 33°50'00"E Chartlet B, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 36°05'00"N 33°50'00"E Note: replaces Plan D (BA CH 242)	8/03
53165	13Ed. 7/12/86 LAST NM 39/02 Add Racon [S3.1] at light (See 39/02-53165) (10/8)00 Genova)	8/03 40°39'47.5"N 14°44'39.0"E	55128	2Ed. 3/18/00 LAST NM 5/03 (Plan) Add Light Fl G 3s 2M to beacon Legend "New Mole" (41/6355)02 St. Petersburg)	8/03 44°43'05.4"N 37°48'20.5"E 44°43'11.5"N 37°48'46.2"E
53266	4Ed. 4/14/90 LAST NM 1/03 Change Characteristic of buoy to Fl Y 20s Add Light Fl Y 20s to buoy (11/6)00 Genova)	8/03 39°54.20'N 8°07.50'E 39°36.80'N 8°05.80'E	55200	2Ed. 8/17/96 LAST NM 27/02 Add Danger circle "Obstrn" [K40] (42/6522)02 St. Petersburg)	8/03 45°10.1'N 36°29.2'E
53287 (INT 3350)	6Ed. 9/30/95 LAST NM 7/03 Add Light Fl G 4s to buoy (8/18)00 Genova)	8/03 41°15'12"N 9°11'44"E	62032	15Ed. 3/25/95 LAST NM 52/02 Delete Purple composite line joining Add Purple composite line (restricted area limit) joining	8/03 26°54.6'N 50°26.6'E 27°02.7'N 50°32.0'E 27°02.2'N 50°35.0'E 26°53.2'N 50°33.1'E 26°52.7'N 50°29.2'E 26°54.6'N 50°26.6'E
54041	7Ed. 6/8/96 LAST NM 4/03 (Plan E) Delete Legend "ANCHORING AND FISHING PROHIBITED" in vicinity Purple dashed line between Purple dashed line between Add Submarine cable [L30.1] joining Submarine cable (power) [L31.1] joining Submarine cable between (5/17), 7(13, 14)00 Genova)	8/03 40°09'36.0"N 18°30'24.0"E 40°09'53.7"N 18°30'28.2"E 40°09'21.0"N 18°29'27.8"E 40°09'04.8"N 18°29'23.2"E 40°09'30.5"N 18°30'52.3"E 40°09'17.6"N 18°29'17.8"E 40°09'34.8"N 18°29'30.0"E 40°09'53.7"N 18°29'39.3"E 40°08'48.0"N 18°30'06.6"E 40°08'49.5"N 18°30'06.7"E 40°08'51.6"N 18°30'06.3"E 40°08'55.2"N 18°30'15.7"E 40°09'04.2"N 18°30'46.2"E 40°09'04.7"N 18°30'52.3"E 40°57'21.2"N 17°18'18.2"E 40°57'25.8"N 17°18'23.8"E (5/17), 7(13, 14)00 Genova)	62033	2Ed. 7/6/96 LAST NM N52/02 Delete Purple composite line joining Add Purple composite line (restricted area limit) joining	N8/03 26°54.6'N 50°26.6'E 27°02.7'N 50°32.0'E 27°02.2'N 50°35.0'E 26°53.2'N 50°33.1'E 26°52.7'N 50°29.2'E 26°54.6'N 50°26.6'E
54095	3Ed. 9/14/02 LAST NM 46/02 Add Light Fl(2) 6s 9m 7M (11/5)02 Split; BA LL)	8/03 43°29.3'N 16°23.5'E	62343	3Ed. 6/26/99 LAST NM 51/01 Delete Purple composite line between Purple composite line between Add Purple composite line (restricted area limit) joining	8/03 23°40'30.0"N 58°30'01.0"E 23°40'39.0"N 58°30'01.0"E 23°41'00.0"N 58°30'05.0"E 23°41'00.0"N 58°30'30.0"E 23°40'30.0"N 58°30'01.0"E 23°40'30.0"N 58°30'30.0"E 23°41'00.0"N 58°30'30.0"E (12/4)02 Muscat)
54105	3Ed. 8/31/02 LAST NM 46/02 Add Light Fl(2) 6s 9m 7M (11/5)02 Split; BA LL)	8/03 43°29.3'N 16°23.5'E	62355	6Ed. 6/3/95 LAST NM 51/01 Delete Purple composite line between Purple composite line between	8/03 23°40'30"N 58°30'01"E 23°40'39"N 58°30'01"E 23°41'00"N 58°30'05"E 23°41'00"N 58°30'30"E
54200	4Ed. 9/11/93 LAST NM 5/03 Add Light Fl(2) 6s 9m 7M (11/5)02 Split; BA LL)	8/03 43°29.3'N 16°23.5'E			
54201	6Ed. 6/3/95 LAST NM 21/02 Add Light Fl(2) 6s 9m 7M (11/5)02 Split; BA LL)	8/03 43°29'18"N 16°23'30"E			

(continued on next page)

SECTION I

NM 8/03

62355	(Continued)			
Add	Purple composite line (restricted area limit) joining	23°40'30"N 58°30'01"E 23°40'30"N 58°30'30"E 23°41'00"N 58°30'30"E	Add	Purple composite line (restricted area limit) joining 26°52.7'N 50°29.2'E 26°55.3'N 50°25.7'E 27°02.6'N 50°32.0'E 27°01.8'N 50°37.1'E 26°52.7'N 50°29.2'E
	(12(4)02 Muscat)			(50(5398)02 Taunton)
62419	6Ed. 6/24/95 LAST NM 33/02	8/03		
Delete	Purple composite line joining	26°54'39"N 50°26'34"E 27°02'42"N 50°32'00"E 27°02'12"N 50°35'05"E 26°53'14"N 50°33'06"E 26°52'43"N 50°29'10"E 26°54'39"N 50°26'34"E	62531	3Ed. 2/28/98 LAST NM N43/02
			Delete	Purple composite line joining 26°54.6'N 50°26.6'E 27°02.7'N 50°32.0'E 27°02.2'N 50°35.0'E 26°53.2'N 50°33.1'E 26°52.7'N 50°29.2'E 26°54.6'N 50°26.6'E
Add	Purple composite line (restricted area limit) joining	26°52'42"N 50°29'12"E 26°55'18"N 50°25'42"E 27°02'36"N 50°32'00"E 27°01'48"N 50°37'06"E 26°52'42"N 50°29'12"E	Add	Purple composite line (restricted area limit) joining 26°52.7'N 50°29.2'E 26°55.3'N 50°25.7'E 27°02.6'N 50°32.0'E 27°01.8'N 50°37.1'E 26°52.7'N 50°29.2'E
	(50(5398)02 Taunton)			(50(5398)02 Taunton)
62420	5Ed. 5/4/96 LAST NM 39/02	8/03		
Delete	Purple composite line joining	26°54'39"N 50°26'34"E 27°02'42"N 50°32'15"E 27°02'12"N 50°35'05"E 26°53'14"N 50°33'06"E 26°52'43"N 50°29'10"E 26°54'39"N 50°26'34"E	62540	6Ed. 1/26/02 LAST NM 52/02
			Add	Rock which covers and uncovers (2.9) [K11] "Rep (2002)" (PA) marked close SE by buoy BRB, pillar, double ball topmark (3(321)03 Taunton)
Add	Purple composite line (restricted area limit) joining	26°52'42"N 50°29'12"E 26°55'18"N 50°25'42"E 27°02'36"N 50°32'00"E 27°01'48"N 50°37'06"E 26°52'42"N 50°29'12"E	62541	3Ed. 1/26/02 LAST NM N52/02
	(50(5398)02 Taunton)		Add	Rock which covers and uncovers (2.9) [K11] "Rep (2002)" (PA) marked close SE by buoy BRB, pillar, double ball topmark (3(321)03 Taunton)
62434	9Ed. 12/8/01 LAST NM 52/02	8/03		
Add	Rock which covers and uncovers (2.9) [K11] "Rep (2002)" (PA) marked close SE by buoy BRB, pillar, double ball topmark	29°50'24.0"N 48°50'12.0"E	62570	4Ed. 1/26/02 LAST NM 48/02
		(3(321)03 Taunton)	Add	Rock which covers and uncovers (2.9) [K11] "Rep (2002)" (PA) marked close SE by buoy BRB, pillar, double ball topmark (3(321)03 Taunton)
62480	1Ed. 8/15/98 LAST NM 6/03	8/03		
Delete	Purple composite line joining	26°54.6'N 50°26.6'E 27°02.7'N 50°32.0'E 27°02.2'N 50°35.0'E 26°53.2'N 50°33.1'E 26°52.7'N 50°29.2'E 26°54.6'N 50°26.6'E	62590	2Ed. 5/29/99 LAST NM 48/02
			Add	Rock which covers and uncovers (2.9) [K11] "Rep (2002)" (PA) marked close SE by buoy BRB, pillar, double ball topmark (3(321)03 Taunton)
Add	Purple composite line (restricted area limit) joining	26°52.7'N 50°29.2'E 26°55.3'N 50°25.7'E 27°02.6'N 50°32.0'E 27°01.8'N 50°37.1'E 26°52.7'N 50°29.2'E	62591	3Ed. 5/29/99 LAST NM N48/02
	(50(5398)02 Taunton)		Add	Rock which covers and uncovers (2.9) [K11] "Rep (2002)" (PA) marked close SE by buoy BRB, pillar, double ball topmark (3(321)03 Taunton)
62490	1Ed. 5/30/98 LAST NM 52/02	8/03		
Delete	Purple composite line joining	26°54.6'N 50°26.6'E 27°02.7'N 50°32.0'E 27°02.2'N 50°35.0'E 26°53.2'N 50°33.1'E 26°52.7'N 50°29.2'E 26°54.6'N 50°26.6'E	63120	2Ed. 9/19/81 LAST NM 52/02
			Add	Danger circle "Obstn" [K40] (PA) (22(446)02 Dehra Dun)
Add	Purple composite line (restricted area limit) joining	26°52.7'N 50°29.2'E 26°55.3'N 50°25.7'E 27°02.6'N 50°32.0'E 27°01.8'N 50°37.1'E 26°52.7'N 50°29.2'E	63121	5Ed. 6/29/96 LAST NM 5/03
	(50(5398)02 Taunton)		Add	Danger circle "Obstn" [K40] (PA) (22(446)02 Dehra Dun)
62530	5Ed. 2/28/98 LAST NM 43/02	8/03		
Delete	Purple composite line joining	26°54.6'N 50°26.6'E 27°02.7'N 50°32.0'E 27°02.2'N 50°35.0'E 26°53.2'N 50°33.1'E 26°52.7'N 50°29.2'E 26°54.6'N 50°26.6'E	63271	8Ed. 7/10/93 LAST NM 52/02
			Delete	Superbuoy ODAS "SW6" (Supersedes 52/02-63271)
Add	Purple composite line (restricted area limit) joining	26°52.7'N 50°29.2'E Ra Ref 13°11'28"N 80°22'29"E (22(441)02 Dehra Dun)	Add	Superbuoy ODAS [Q58] "SW6" Y, Fl 3s Ra Ref 13°11'28"N 80°22'29"E (22(441)02 Dehra Dun)
	(50(5398)02 Taunton)			
			63400	1Ed. 3/10/90 LAST NM 39/02
			Delete	Submarine pipeline and legend "GAS CAUTION NO 7" joining 14°32.0'N 97°47.5'E 14°52.7'N 95°30.4'E 15°03.0'N 94°47.8'E
				(continued on next page)

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63400	(Continued)			
Add	Submarine pipeline with legend "GAS CAUTION NO 7" joining	14°34.4'N 97°54.5'E 14°53.6'N 97°51.9'E 15°05.2'N 94°51.8'E 15°07.4'N 94°46.9'E	Relocate	Beacon "27" from 4°59'26.6"N 115°05'22.0"E to 4°59'29.0"N 115°05'18.3"E
	Legend "YADANA GAS FIELD CAUTION NO 8"	15°08.0'N 94°47.0'E	Add	Beacon "20" BYB, double cone topmark bases together, Q(3) + L Fl 15s 4°59'34.3"N 115°05'27.6"E
	Caution No. 8 to CAUTIONS note "8. Until further notice, unauthorized navigation, anchoring and fishing are prohibited within a distance of 500 meters from the restricted area."	16°30.0'N 99°00.0'E	(Plan)	Beacon "20"
	(1, 4/01 Rangoon)		Delete	4°59'28.2"N 115°05'26.8"E
63410	6Ed. 10/10/87 LAST NM 39/02	8/03	Relocate	Beacon "27" from 4°59'26.6"N 115°05'22.0"E to 4°59'29.0"N 115°05'18.3"E
Delete	Submarine pipeline and legend "GAS CAUTION NO 5" between	15°03.0'N 94°48.0'E 14°44.0'N 96°28.0'E	Add	Beacon "20" BYB, double cone topmark bases together, Q(3) + L Fl 15s 4°59'34.3"N 115°05'27.6"E (47(438)99 Taunton)
Add	Submarine pipeline with legend "GAS CAUTION NO 5" joining	15°07.5'N 94°46.4'E 15°05.2'N 94°51.8'E 14°47.5'N 96°28.0'E	72035	8Ed. 9/26/98 LAST NM 31/02 8/03
	Legend "YADANA GAS FIELD CAUTION NO 6"	15°08.0'N 94°47.0'E	Add	Light Fl 7s 12M 8°53.7'S 116°43.7'E Light Q 6M, Iso 4s 6M 8°54.0'S 116°44.7'E (44(345-347)00 Jakarta)
	Caution No. 6 to CAUTIONS note "6. Until further notice, unauthorized navigation, anchoring and fishing are prohibited within a distance of 500 meters from the restricted area."	16°00.0'N 95°31.0'E	72045	2Ed. 1/24/98 LAST NM 16/02 8/03
	(1, 4/01 Rangoon)		Add	Beacon Y, "X" topmark, Fl Y 6M [Q130.6] 8°20.0'S 117°28.6'E Beacon Y, "X" topmark, Fl Y 6M [Q130.6] 8°19.5'S 117°34.4'E
63420	2Ed. 10/10/87 LAST NM 45/02	8/03		Beacon W, Fl 12M 8°53.7'S 116°43.7'E Light Q 6M, Iso 6M 8°54.0'S 116°44.7'E (19(124, 125), 44(345-347)00 Jakarta; BA LL)
Delete	Submarine pipeline and legend "GAS CAUTION NO 5" between	14°32.0'N 97°47.5'E 14°47.3'N 96°05.5'E	72201	Ed. 1/1/67 LAST NM 9/02 8/03
Add	Submarine pipeline with legend "GAS CAUTION NO 5" joining	14°34.4'N 97°54.5'E 14°33.6'N 97°51.9'E 14°52.0'N 96°05.5'E	Add	Beacon Y, "X" topmark, Fl Y 4s 36ft 6M [Q130.6] 8°20'0"S 117°28'36"E Beacon Y, "X" topmark, Fl Y 3s 45ft 6M [Q130.6] 8°19'31"S 117°34'27"E (19(124, 125)00 Jakarta; BA LL)
	(1/01 Rangoon)		72211	6Ed. 1/24/98 LAST NM 5/03 8/03
71247	18Ed. 7/10/99 LAST NM 6/03	8/03	Add	Beacon W, Fl 7s 126m 12M 8°53'40"S 116°43'40"E Range light, front Q 13m 6M 8°53'57"S 116°44'45"E Range light, rear Iso 4s 16m 6M 8°54'03"S 116°44'53"E (44(345-347)00 Jakarta)
Delete	Light	1°17'40.0"N 103°51'58.0"E	74009	10Ed. 7/29/95 LAST NM 49/02 8/03
	Light	1°17'39.5"N 103°51'55.3"E	Substitute Depth 11.9 meters "Rep (1999)" for 17 meters "Rep (1997)"	11°30.7'S 133°51.7'E
	Light	1°17'39.0"N 103°51'53.2"E	(17(471)99 Wollongong)	
	Light	1°17'38.8"N 103°51'58.0"E	74012	10Ed. 5/27/95 LAST NM 6/03 8/03
	Light	1°17'38.5"N 103°51'55.5"E	Add Depth 27.1 meters enclosed by depth contour (50-meter)	15°38.8'S 122°06.5'E
	Light	1°17'38.0"N 103°51'53.0"E	(15(433)99 Wollongong)	
	Light	1°17'17.0"N 103°51'43.0"E	74162	4Ed. 12/31/94 LAST NM 47/02 8/03
	Light	1°17'14.2"N 103°51'42.2"E	Add Light Fl(2) 7s 30°56'24"S 153°06'02"E	
	Light	1°17'12.0"N 103°51'42.0"E	(16(448)99 Wollongong)	
	Light	1°17'10.5"N 103°51'42.3"E	74200	8Ed. 8/3/96 LAST NM 1/03 8/03
	Light	1°17'17.2"N 103°51'41.0"E	Add Depth 19.2 meters enclosed by depth contour (20-meter)	23°35'20"S 151°21'19"E
	Light	1°17'14.5"N 103°51'41.5"E	(17(467)99 Wollongong)	
	Light	1°17'12.0"N 103°51'41.0"E	74204	5Ed. 8/23/97 LAST NM 7/03 8/03
	Light	1°17'10.5"N 103°51'41.3"E	Add Depth 19.2 meters enclosed by depth contour (20-meter)	23°35'20"S 151°21'19"E
	(9(94)00 Singapore)		(17(467)99 Wollongong)	
71331	11Ed. 10/31/92 LAST NM 7/03	8/03	74234	1Ed. 3/9/91 LAST NM 2/02 8/03
	(Panel A)		Change Light to Iso Bu 2s & Fl(2) 4s (F day (occas)) 19°14.08'S 146°50.29'E	
Relocate	Light from 4°59'28"N 115°05'26"E to 4°59'34"N 115°05'28"E		Light to Q Bu & Fl G 4s (F day (occas)) 19°14.14'S 146°50.29'E	
	Buoy from 4°58'57"N 115°07'08"E to 4°59'01"N 115°06'59"E		(See 16/99-74234)	
	(Panel B)		(16(451)99 Wollongong)	
Delete	Beacon "20"	4°59'28"N 115°05'26"E	74240	8Ed. 7/22/95 LAST NM 7/03 8/03
Relocate	Buoy "24" from 4°58'57"N 115°07'08"E to 4°59'01"N 115°06'59"E		Delete Position circle "Tr (9)"	18°16.6'S 147°23.1'E
Add	Beacon "20" BYB, double cone topmark bases together, Q(3) + L Fl 15s	4°59'34"N 115°05'28"E		
	(47(438)99 Taunton)			
71335	2Ed. 9/12/92 LAST NM 52/99	8/03		
Delete	Beacon "20"	4°59'28.2"N 115°05'26.8"E		

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74240	(Continued)					
Add	Position circle "Tr (10)" (15(430)99 Wollongong)	18°16.6'S 147°22.8'E				
74253	6Ed. 5/10/97 LAST NM 47/02 Delete Depth 7.3 meters	16°28'01"S 145°27'57"E	8/03			
Add	Depth 6.3 meters (17(469)99 Wollongong)	16°28'01"S 145°28'20"E				
74320	3Ed. 3/28/98 LAST NM 35/02 (Plan A)	17°27'35.0"S 140°48'16.4"E	8/03			
Add	Beacon Y, "X" topmark, Fl Y 2.5s [Q130.6] (17(470)99 Wollongong)	11°30.7'S 133°51.7'E				
74380	4Ed. 9/13/97 LAST NM 32/02 Substitute Depth 11.9 meters "Rep (1999)" for 17 meters "Rep (1997)" (17(471)99 Wollongong)	15°38.8'S 122°06.5'E	8/03			
74470	2Ed. 8/2/97 LAST NM 39/97 Add Depth 27.1 meters enclosed by depth contour (30-meter) (15(433)99 Wollongong)	33°16'00.0"S 115°39'30.0"E	8/03			
74494	2Ed. 8/19/95 LAST NM 41/02 Change Legend "Maintained depth 11m" to "Maintained depth 11.2m" (17(474)99 Wollongong)	20°18'56.0"S 118°34'22.0"E	8/03			
74591	7Ed. 8/29/98 LAST NM 40/02 Delete "Spoil Ground" area in vicinity	33°16'30.0"S 115°39'33.0"E	8/03			
Add	"Spoil Ground" area bound by dashed line joining	33°15'42.0"S 115°39'15.0"E 33°15'42.0"S 115°39'33.0"E 33°16'48.0"S 115°39'33.0"E 33°16'48.0"S 115°39'15.0"E				
Delete	(Plan) "Spoil Ground" area in vicinity	33°16'30.0"S 115°39'33.0"E				
Add	"Spoil Ground" area bound by dashed line joining	33°16'20.0"S 115°39'15.0"E 33°16'48.0"S 115°39'15.0"E 33°16'48.0"S 115°39'33.0"E 33°16'20.0"S 115°39'33.0"E				
Note: Area extends beyond chart border (15(434)99 Wollongong)						
75025	9Ed. 12/10/94 LAST NM 4/03 Delete Position circle "TR (conspic) 239"	40°28.3'S 144°53.7'E	8/03			
Add	Light Fl(2) 18M (15(435), 17(475)99 Wollongong)	43°38.3'S 146°52.2'E				
75130	16Ed. 8/26/95 LAST NM 7/03 Add Dashed line [M4] with legend "Deep water route" joining	35°30.5"S 136°52.9"E 35°22.7"S 137°42.6"E 35°07.3"S 138°20.6"E	8/03			
(13(381)99 Wollongong)						
75170	12Ed. 12/3/94 LAST NM 39/02 Delete Position circle "TR (236)" (17(475)99 Wollongong)	40°28.3'S 144°53.7'E	8/03			
75180	2Ed. 7/29/95 LAST NM 3/02 Delete Position circle "TR (conspic) 239"	40°28'18"S 144°53'48"E (17(475)99 Wollongong)	8/03			
75185	2Ed. 6/21/97 LAST NM 47/02 Add Light Fl(2) 15s 57m 18M (15(435)99 Wollongong)	43°38.3'S 146°52.2"E	8/03			
75191	6Ed. 6/10/95 LAST NM 47/02 Add Light Fl(2) 15s 57m 18M (15(435)99 Wollongong)	43°38'18"S 146°52'46"E	8/03			
83580	2Ed. 5/18/96 LAST NM 24/02 Delete Depth 17.6 meters, blue tint and enclosing danger circle centered	18°30.2"S 178°27.3"W	8/03			
		Depth 274 meters (no bottom found) Depth 274 meters (no bottom found) Depth 274 meters (no bottom found)	18°28.9"S 178°32.5"W 18°31.0"S 178°32.7"W 18°33.1"S 178°33.0"W			
Add	Depth 702 meters Depth 404 meters Depth 754 meters Depth 465 meters Depth 719 meters Depth 682 meters Depth 366 meters Depth 896 meters Depth 791 meters Depth 483 meters Depth 896 meters Depth 690 meters Depth 599 meters	18°31.3"S 178°27.0"W 18°33.0"S 178°24.0"W 18°29.6"S 178°22.5"W 18°25.7"S 178°18.1"W 18°23.5"S 178°21.3"W 18°22.4"S 178°24.2"W 18°22.7"S 178°32.7"W 18°24.8"S 178°38.2"W 18°27.7"S 178°36.3"W 18°26.7"S 178°34.0"W 18°30.8"S 178°36.1"W 18°31.8"S 178°33.0"W 18°33.6"S 178°31.8"W				
91008	1Ed. 7/18/92 LAST NM 48/02 Add Wreck [K29] (50(932)02 Tianjin)	20°03.0"N 118°13.0"E	8/03			
93006	2Ed. 7/29/95 LAST NM 4/03 Add Wreck [K29] (50(932)02 Tianjin)	20°03.0"N 118°13.0"E	8/03			
93241	9Ed. 5/18/96 LAST NM 23/00 Add Submarine pipeline [L41.1] with legend "Wastewater Pipe" between	13°28'50"N 100°49'45"E 13°27'32"N 100°49'10"E	8/03			
		Light Fl(2)Y 5.5s 9m 9M Fl(2) 5.5s	13°27'50"N 100°49'17"E			
		Dashed-line circle "Diffuser" marked by buoy Y, pillar, "X" topmark.	13°27'32"N 100°49'10"E			
93720	10Ed. 8/12/95 LAST NM 50/02 Add Light Fl 4s 37m 6M Light Fl(2) 4s 22m 6M (50(931)02 Tianjin; Cna LL)	21°36.1'N 112°44.0"E 21°35.5'N 112°34.3"E	8/03			
93726	4Ed. 4/20/96 LAST NM 48/02 Add Buoy "1" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°51'33.5"N 113°34'16.0"E	8/03			
		Buoy "2" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°51'33.5"N 113°33'58.0"E			
		Buoy "4" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°58'06.3"N 113°32'26.0"E			
		Buoy "5" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°57'57.5"N 113°32'06.0"E			
		Buoy "6" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°57'53.5"N 113°31'59.0"E			
		Buoy "1" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°44'08.5"N 113°39'55.0"E			
		Buoy "2" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°44'00.5"N 113°39'43.0"E			
		Buoy "3" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°45'48.5"N 113°38'40.0"E			
		Buoy "4" Y, pillar, "X" topmark, Mo(Z) Y 12s	22°45'40.5"N 113°38'17.0"E			
		Buoy "2" R, can, Fl R 4s	22°50'17.0"N 113°34'10.5"E			
		Buoy "3" R, can, Fl(2) R 6s	22°50'13.6"N 113°33'58.6"E			
		(14(244), 36(669), 38(691)02 Tianjin; Cna CH 15461)				
94004	6Ed. 9/2/95 LAST NM 52/02 Delete "Restricted Area" bound by purple composite line joining	24°01.9'N 119°34.5"E 24°01.9'N 119°46.5"E 23°53.9'N 119°46.5"E 23°53.9'N 119°34.5'E	8/03			
		(See 37/02-94004) (77/02 Tso-ying)				

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94028	7Ed. 9/16/95 LAST NM 7/03 Change Light to Fl 25M HORN (18)03 Inchon)	8/03 34°44.6'N 127°46.1'E	94282	9Ed. 6/6/98 LAST NM 46/02 Change Characteristic of light to Fl 8s (45(813)02 Tianjin)	8/03 36°04'36"N 120°17'23"E
94040	13Ed. 10/4/97 LAST NM 6/03 Delete "Restricted Area" bound by purple composite line joining (See 37/02-94040) (77/02 Tso-ying)	8/03 24°01.9'N 119°40.0'E 24°01.9'N 119°34.5'E 23°53.9'N 119°34.5'E 23°53.9'N 119°40.0'E	94283	7Ed. 5/25/96 LAST NM 2/03 Change Characteristic of light to Fl 8s (45(813)02 Tianjin)	8/03 36°04'36.0"N 120°17'23.0"E
94060	10Ed. 5/18/96 LAST NM 7/03 Delete "Restricted Area" bound by purple composite line joining (See 37/02-94060)	8/03 24°01.9'N 119°34.5'E 24°01.9'N 119°46.5'E 23°53.9'N 119°46.5'E 23°53.9'N 119°34.5'E	94322	14Ed. 5/18/96 LAST NM 46/01 Delete "Tanker Loading and Unloading Anchorage" area in vicinity Add "Tanker Loading and Unloading Anchorage" area [N12.5] bound by purple dashed line joining (Plan) Delete "Tanker Loading and Unloading Anchorage" area in vicinity (27(504)02 Tianjin)	8/03 37°38'47"N 121°23'56"E 37°38'47"N 121°24'09"E 37°38'34"N 121°24'34"E 37°37'57"N 121°25'05"E 37°37'57"N 121°23'56"E
94063	4Ed. 9/21/96 LAST NM 41/02 Add Racon [S3.1] at light (See 29/02-94063)	8/03 24°17'25"N 120°30'02"E	94420	3Ed. 9/23/95 LAST NM 4/03 Delete "TANKER LOAD AND UNLOAD ANCH" area in vicinity (27(504)02 Tianjin)	8/03 37°38.3'N 121°24.8'E
	(Plan) Substitute Light Fl 70m 10M for position circle "Bn" (See 1/00-94063)	24°16'46.0"N 120°31'51.6"E	95084	7Ed. 6/11/94 LAST NM 52/02 Add Position circle "Pyl" [D26] Position circle "Pyl" [D26]	8/03 34°45'20.0"N 126°08'29.0"E 34°45'43.0"N 126°08'31.0"E
	Add Buoy, pillar, Fl Y 4s Racon [S3.1] at light (47, 53, 81/02 Tso-ying)	24°16'55.8"N 120°29'09.6"E 24°17'24.6"N 120°30'02.2"E		Dashed line with legend "OVHD PWR CAB CL 40m" between above position circles (12(145)00 Inchon)	
94082	8Ed. 2/26/00 LAST NM 44/02 Add Buoy Y, pillar, Fl R 4s Ra Ref (69/02 Tso-ying)	8/03 23°05'30"N 120°00'25"E	95086	5Ed. 6/18/94 LAST NM 6/03 Delete Buoy "C"	8/03 34°46'57.2"N 126°25'39.8"E
94188	2Ed. 5/25/96 LAST NM 51/02 Change Visibility (range) of light to 10M	8/03 29°47'45"N 122°14'24"E		Add Buoy "C" YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s [Q130.3] (12(147)00 Inchon)	34°46'57.0"N 126°25'41.0"E
	Add Submarine cable [L30.1] joining	29°54'44"N 122°21'06"E 29°54'22"N 122°20'59"E 29°53'47"N 122°20'31"E 29°53'40"N 122°20'09"E	95087	3Ed. 4/30/94 LAST NM 1/03 Add Purple heavy dashed line joining	8/03 36°00'19.9"N 126°40'12.5"E 35°59'44.0"N 126°42'05.0"E 36°00'18.9"N 126°42'19.5"E
	Submarine cable [L30.1] joining	29°54'44"N 122°21'06"E 29°53'57"N 122°20'01"E 29°53'44"N 122°19'58"E		Legend "Section II (see Note)" (52(718)02 Tianjin)	36°00'03.0"N 126°41'16.0"E
	Submarine cable [L30.1] joining	29°46'43"N 122°17'46"E 29°46'32"N 122°17'32"E 29°44'59"N 122°17'17"E		Note "NOTE Vessels in Section II shall not exceed a speed of 10 knots." (See 22/97-95087) (52(718)02 Tianjin)	36°00'20.0"N 126°42'36.0"E
	Submarine cable [L30.1] joining	29°44'06"N 122°14'00"E 29°43'42"N 122°13'43"E 29°43'33"N 122°13'45"E 29°43'03"N 122°13'34"E	95100	12Ed. 3/2/96 LAST NM 7/03 Add Position circle Position circle	8/03 34°20'38"N 126°53'51"E 34°21'26"N 126°54'08"E
	Submarine cable [L30.1] joining (50(934-938)02 Tianjin; Cna LL)	29°46'43"N 122°17'54"E 29°46'18"N 122°17'37"E 29°44'57"N 122°17'26"E		Dashed line (overhead power cable) [D26] "(38)" between above position circles (12(144)00 Inchon)	
94220	4Ed. 9/23/95 LAST NM 49/02 Add Submarine cable [L30.1] joining (17(323, 332)02 Tianjin)	8/03 31°34.7'N 121°54.6'E 31°36.4'N 121°54.1'E 31°42.0'N 122°00.0'E 31°44.1'N 122°10.0'E 31°44.8'N 124°21.5'E	95102	8Ed. 8/12/95 LAST NM 5/03 Add Position circle "Pyl" [D26] Position circle "Pyl" [D26]	8/03 34°20'38"N 126°53'51"E 34°21'26"N 126°54'08"E
	Submarine cable [L30.1] joining	31°34.7'N 121°54.6'E 31°35.6'N 121°56.0'E 31°34.0'N 122°14.0'E 31°27.5'N 122°28.5'E 31°26.2'N 122°33.1'E		Dashed line with legend "OVHD PWR CAB CL 38m" between above position circles Buoy "5" RW, pillar, ball topmark, L Fl 10s [Q130.5] Buoy "6" RW, pillar, ball topmark, Mo(A) 8s [Q130.5] (34°15'15"N 126°45'19"E 34°15'11"N 126°48'30"E)	

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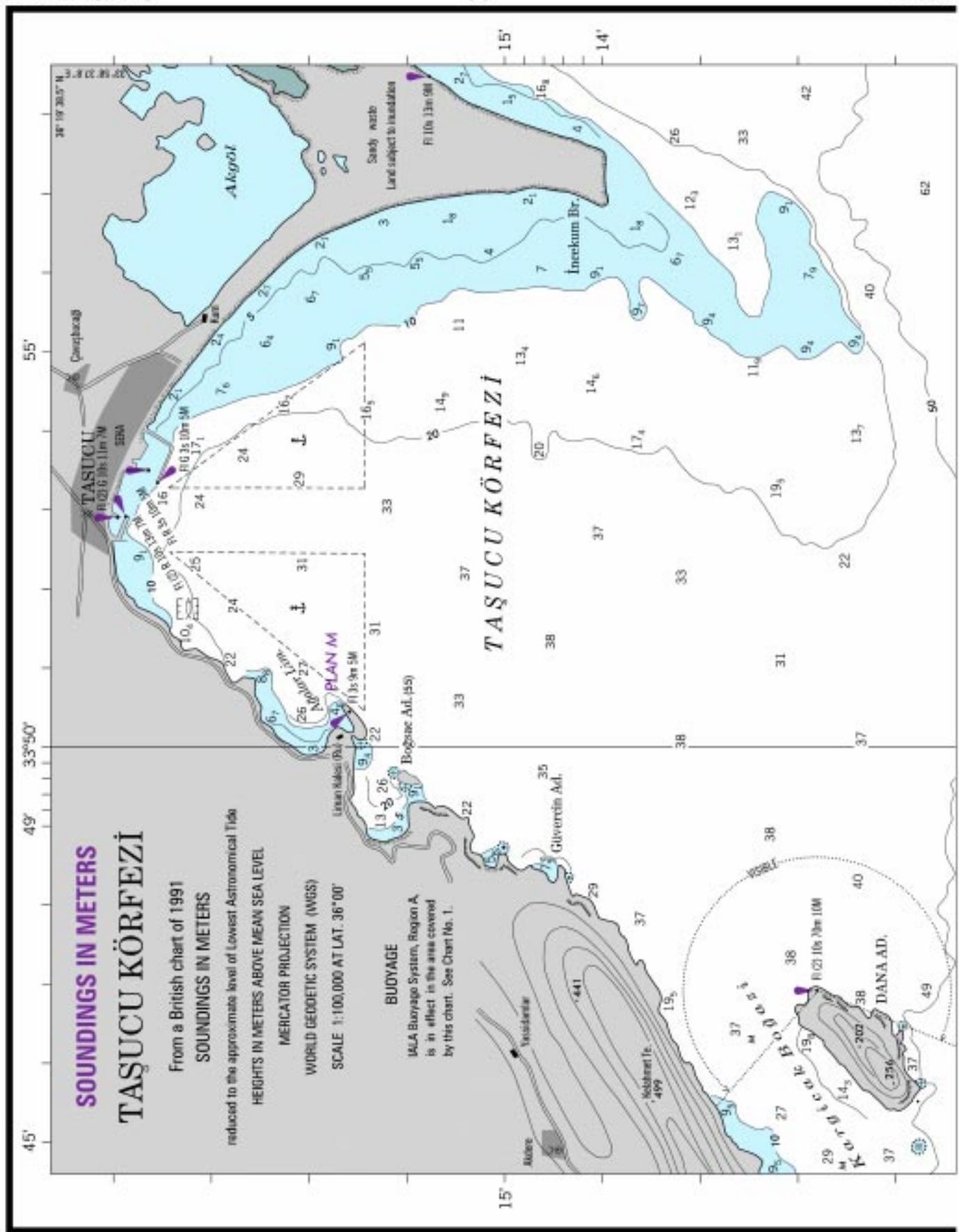
95102	(Continued)				
	Buoy "7" RW, pillar, ball topmark, Iso 4s [Q130.5]	34°15'44"N 126°51'17"E			8/03
	Buoy "8" RW, pillar, ball topmark, L Fl 10s [Q130.5]	34°16'16"N 126°54'05"E			
	(12(144)00, 1(7)03 Inchon)				
95138	8Ed. 2/5/94 LAST NM 52/02	8/03			
Change	Light to Fl 10s 61m 25M HORN	34°44'39.1"N 127°46'03.9"E			
	(1(8)03 Inchon)				
95140	15Ed. 10/7/95 LAST NM 7/03	8/03			
Change	Light to Fl 10s 61m 25M HORN and delete Siren	34°44'39"N 127°46'04"E			
	Height of light to 82m	35°03'08"N 129°05'29"E			
	Light to Fl 5s 144m 7M	34°19'03"N 129°24'42"E			
	(50(667)02, 1(8)03 Inchon; 51(1793)02 Tokyo)				
95141	8Ed. 8/5/95 LAST NM 7/03	8/03			
Change	Light to Fl 10s 61m 25M HORN	34°44'39"N 127°46'04"E			
	(1(8)03 Inchon)				
95142	9Ed. 12/15/01 LAST NM 52/02 (Plan A)	8/03			
Add	Light Fl R 5s 9m 6M	34°50'16.3"N 128°25'50.5"E			
	(50(671)02 Inchon)				
95143	11Ed. 5/15/99 LAST NM 7/03	8/03			
Change	Light to Fl 10s 61m 25M HORN	34°44'39"N 127°46'04"E			
Add	Solid line (breakwater) [F4.1] between				
	34°50'15"N 128°10'47"E				
	34°50'11"N 128°10'52"E				
	Light Fl G 6s 10m 5M	34°50'11"N 128°10'52"E			
	(50(669, 670)02, 1(8)03 Inchon)				
95144	9Ed. 5/15/99 LAST NM 6/03	8/03			
Add	Light Fl R 5s 9m 6M	34°50'16"N 128°25'51"E			
	(50(671)02 Inchon)				
95146	14Ed. 5/14/94 LAST NM 1/03	8/03			
Delete	Buoy "A"	35°03'36"N 128°46'46"E			
	Buoy "B"	35°04'39"N 128°46'51"E			
	Buoy "D"	35°02'59"N 128°47'42"E			
	Buoy "E"	35°02'59"N 128°46'11"E			
	(See 52/02-95146)				
Add	Light Fl(4) G 8s 10m 5M	35°03'31"N 128°46'42"E			
	Light Fl(4) R 8s 10m 6M	35°02'53"N 128°47'15"E			
	Light Fl Y 6s 10m 7M	35°02'53"N 128°47'38"E			
	Light Fl(2) R 6s 6m 6M	35°04'39"N 128°46'53"E			
	Light Fl(2) Y 6s 6m 7M	35°04'39"N 128°47'06"E			
	Light Fl R 6s 10m 6M	35°05'56"N 128°28'50"E			
	(50(668)02, 1(4, 5)03 Inchon)				
95149	9Ed. 6/12/99 LAST NM 52/02	8/03			
Delete	Buoy "A"	35°03'36"N 128°46'46"E			
	Buoy "B"	35°04'39"N 128°46'51"E			
	Buoy "D"	35°02'59"N 128°47'42"E			
	Buoy "E"	35°02'59"N 128°46'11"E			
	(See 52/02-95149)				
Change	Light to Fl(3) 18s 82m 24M R Bn with visible sector 210°-026° and delete Siren	35°03'08"N 129°05'29"E			
Add	Light Fl(4) G 8s 10m 5M	35°03'31"N 128°46'42"E			
	Light Fl(4) R 8s 10m 6M	35°02'53"N 128°47'15"E			
	Light Fl Y 6s 10m 7M	35°02'53"N 128°47'38"E			
	Light Fl(2) R 6s 6m 6M	35°04'39"N 128°46'53"E			
	Light Fl(2) Y 6s 6m 7M	35°04'39"N 128°47'06"E			
	(50(667)02, 1(4, 5)03 Inchon)				
95160	13Ed. 8/19/95 LAST NM 6/03	8/03			
Change	Light to Fl 5s 144m 7M	34°19.0'N 129°24.7'E			
	(51(1793)02 Tokyo)				
95161	16Ed. 9/8/01 LAST NM 6/03	8/03			
Add	Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s	35°29'31.0"N 129°23'27.7"E			
	Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s	35°29'43.5"N 129°23'18.7"E			
	Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s	35°30'01.0"N 129°23'39.2"E			
	Buoy "D" Y, pillar, "X" topmark, Fl(4) Y 8s	35°30'10.0"N 129°23'31.2"E			
	Buoy "E" Y, pillar, "X" topmark, Fl(4) Y 8s	35°30'20.0"N 129°23'37.2"E			
	(1(3)03 Inchon)				
95176	2Ed. 2/24/01 LAST NM 31/02	8/03			
Delete	Buoy (See 16/02-95176)	37°25'54.9"N 129°11'51.3"E			
	(1(2)03 Inchon)				
95280	9Ed. 7/28/84 LAST NM 48/02	8/03			
Change	Light to F Fl G 5s 10m 11/5M (Supersedes 48/02-95280)	35°53'59"N 136°00'00"E			
	(51(1778)02 Tokyo)				
97141	5Ed. 12/22/01 LAST NM 46/02	8/03			
Delete	Dashed line joining	35°21'51.8"N 139°50'21.6"E			
		35°21'39.8"N 139°50'41.5"E			
		35°21'39.4"N 139°50'49.3"E			
Change	Legend to "Dredged to 11m (1970, 74, 2002)"	35°21'30.0"N 139°50'48.0"E			
Add	Dashed line between	35°21'51.8"N 139°50'21.6"E			
		35°21'51.2"N 139°50'29.5"E			
	and delete hydrography within existing dredged area and new limit defined by above line				
	Depth 10.8 meters	35°21'37.8"N 139°50'51.0"E			
	(50(1740)02 Tokyo)				
97144	14Ed. 6/22/02 LAST NM 7/03	8/03			
Delete	Dashed line joining	35°21'52"N 139°50'22"E			
		35°21'40"N 139°50'41"E			
		35°21'39"N 139°50'49"E			
Change	Legend to "Dredged to 11m (1970, 74, 2002)"	35°21'24"N 139°50'58"E			
Add	Dashed line between	35°21'52"N 139°50'22"E			
		35°21'51"N 139°50'29"E			
	and delete hydrography within existing dredged area and new limit defined by above line				
	Depth 10.8 meters	35°21'38"N 139°50'51"E			
	(50(1740)02 Tokyo)				
97145	1Ed. 2/16/91 LAST NM 43/02	8/03			
Add	Solid line (detached breakwater) between	35°01'16"N 139°50'33"E			
		35°01'07"N 139°50'37"E			
	(Jpn CH W55)				
97180	6Ed. 7/19/97 LAST NM 4/03	8/03			
Change	Light to Fl(2) G 8M	34°49'16"N 136°56'17"E			
Add	Fish haven symbol [K46.1]	34°13'07"N 136°27'19"E			
	(6(193)00, 50(1751)02 Tokyo)				
97181	20Ed. 3/26/94 LAST NM 7/03	8/03			
Change	Light to Fl(2) G 6s 20m 8M	34°49'16"N 136°56'17"E			
	(50(1751)02 Tokyo)				
97182	13Ed. 1/1/94 LAST NM 7/03	8/03			
Change	Light to Fl(2) G 6s 20m 8M	34°49'16.0"N 136°56'17.0"E			
	(50(1751)02 Tokyo)				
97190	2Ed. 6/21/97 LAST NM 52/02	8/03			
Change	Visibility (range) of light to 5M	33°38'09"N 135°58'54"E			
Add	Fish haven symbol [K46.1]	34°13'07"N 136°27'19"E			
	(6(193)00, 50(1752)02 Tokyo)				

97200	9Ed. 8/26/95 LAST NM 52/02 Change Visibility (range) of light to 5M (50(1752)02 Tokyo)	8/03 33°38'09"N 135°58'54"E	Depth 25 meters (PA) Depth 182 meters Fish haven symbol Fish haven symbol	26°44'10"N 127°42'05"E 26°46'50"N 127°59'20"E 26°46'35"N 128°07'45"E 26°45'30"N 128°07'20"E
97220	3Ed. 12/30/95 LAST NM 6/03 Change Light to Fl Y 3s 7m 4M Light to Fl 3s 7m 5M (See 8/02-97220) (51(1786)02 Tokyo)	8/03 34°39'04.7"N 135°16'36.5"E 34°39'05.1"N 135°16'58.1"E	Substitute Depth 13.4 meters for 14.6 meters Depth 34 meters Wk [K26] for dangerous wreck	26°46'35"N 128°01'20"E 26°16'05"N 127°39'25"E
97221	20Ed. 1/17/98 LAST NM 6/03 Change Visibility (range) of light to 5M (See 8/02-97221)	8/03 34°39'05"N 135°16'58"E	Add Depth 19.8 meters Depth 14.7 meters Depth 102 meters (Jpn CH 226)	26°44'55"N 128°05'40"E 26°43'55"N 128°04'30"E 26°06'25"N 127°59'30"E
97225	31Ed. 1/21/95 LAST NM 6/03 Change Light to Fl 3s 7m 5M (See 8/02-97225) (51(1786)02 Tokyo)	8/03 34°38'53"N 135°17'08"E	97465 9Ed. 2/3/96 LAST NM 6/03 Substitute Depth 34 meters Wk [K26] for dangerous wreck (Jpn CH 226)	8/03 26°16'00"N 127°39'19"E
97229	12Ed. 7/4/98 LAST NM 6/03 Change Light "B" to Fl Y 3s 7m 4M Light to Fl 3s 7m 5M (See 8/02-97229) (51(1786)02 Tokyo)	8/03 34°39'04.7"N 135°16'36.5"E 34°39'05.1"N 135°16'58.1"E	97469 10Ed. 7/19/97 LAST NM 6/03 Delete Buoy "2" Buoy "3"	8/03 26°11'10.0"N 127°47'01.0"E 26°11'48.0"N 127°46'51.0"E
97234	17Ed. 12/26/98 LAST NM 6/03 Substitute Light Iso G 4s 8m 4M for position circle "G Lt" Add Light Fl G 3s 8m 5M (51(1788)02 Tokyo)	8/03 34°27'20.2"N 134°00'10.1"E	Change Characteristic of buoy "1" to Fl(2) G 6s Add Buoy "4" R, pillar, cone topmark, Fl R 3s Buoy "5" G, pillar, can topmark, Fl G 3s (51(1796)02 Tokyo)	26°11'24.0"N 127°47'27.0"E 26°11'08.0"N 127°46'59.0"E 26°10'46.0"N 127°46'52.0"E
97267	16Ed. 2/21/98 LAST NM 6/03 Add Fish haven symbol [K46.1] (6(194)00 Tokyo)	8/03 34°18'42"N 132°25'36"E	801217 1Ed. 2/7/98 LAST NM N6/03 Delete Buoy "2" Buoy "3"	N8/03 26°10'58"N 127°47'10"E 26°10'36"N 127°47'00"E
97269	11Ed. 1/31/98 LAST NM 45/02 (Panel A) Add Fish haven symbol [K46.1]	8/03 34°18'42.2"N 132°25'35.6"E	Change Characteristic of buoy "1" to Fl(2) G 6s Add Buoy "4" R, pillar, cone topmark, Fl R 3s Buoy "5" G, pillar, can topmark, Fl G 3s (51(1796)02 Tokyo)	26°11'12"N 127°47'36"E 26°10'56"N 127°47'08"E 26°10'34"N 127°47'01"E
97273	10Ed. 5/21/94 LAST NM 6/03 Add Fish haven symbol [K46.1] (6(195)00 Tokyo)	8/03 33°55'48"N 131°40'18"E		
97277	11Ed. 11/27/93 LAST NM 6/03 Add Fish haven symbol [K46.1] (6(195)00 Tokyo)	8/03 33°55'48"N 131°40'18"E		
97286	6Ed. 7/19/97 LAST NM 6/03 Change Light to Fl(2) R 6s 12m 5M Light to Fl R 5s 12m 5M (51(1789)02 Tokyo)	8/03 33°54'35.0"N 130°55'57.0"E 33°53'37.0"N 130°53'38.0"E		
97380	7Ed. 8/23/97 LAST NM 2/03 Add Wreck [K29] (PA) (51(1792)02 Tokyo)	8/03 33°44.0'N 129°57.3'E		
97420	17Ed. 9/20/97 LAST NM 1/03 Change Light to Fl 5s 144m 7M Add Wreck [K29] (PA) (51(1792, 1793)02 Tokyo)	8/03 34°19.0'N 129°24.7'E 33°44.0'N 129°57.3'E		
97425	6Ed. 1/30/99 LAST NM 6/03 Add Wreck [K29] (PA) (51(1792)02 Tokyo)	8/03 33°44'00"N 129°57'18"E		
97461	9Ed. 12/28/96 LAST NM 5/03 Delete Depth 14.7 meters, blue tint and enclosing depth contour (20-meter) centered	8/03 26°44'50"N 128°04'30"E		

Chart 54409 (Plan D)

(A)

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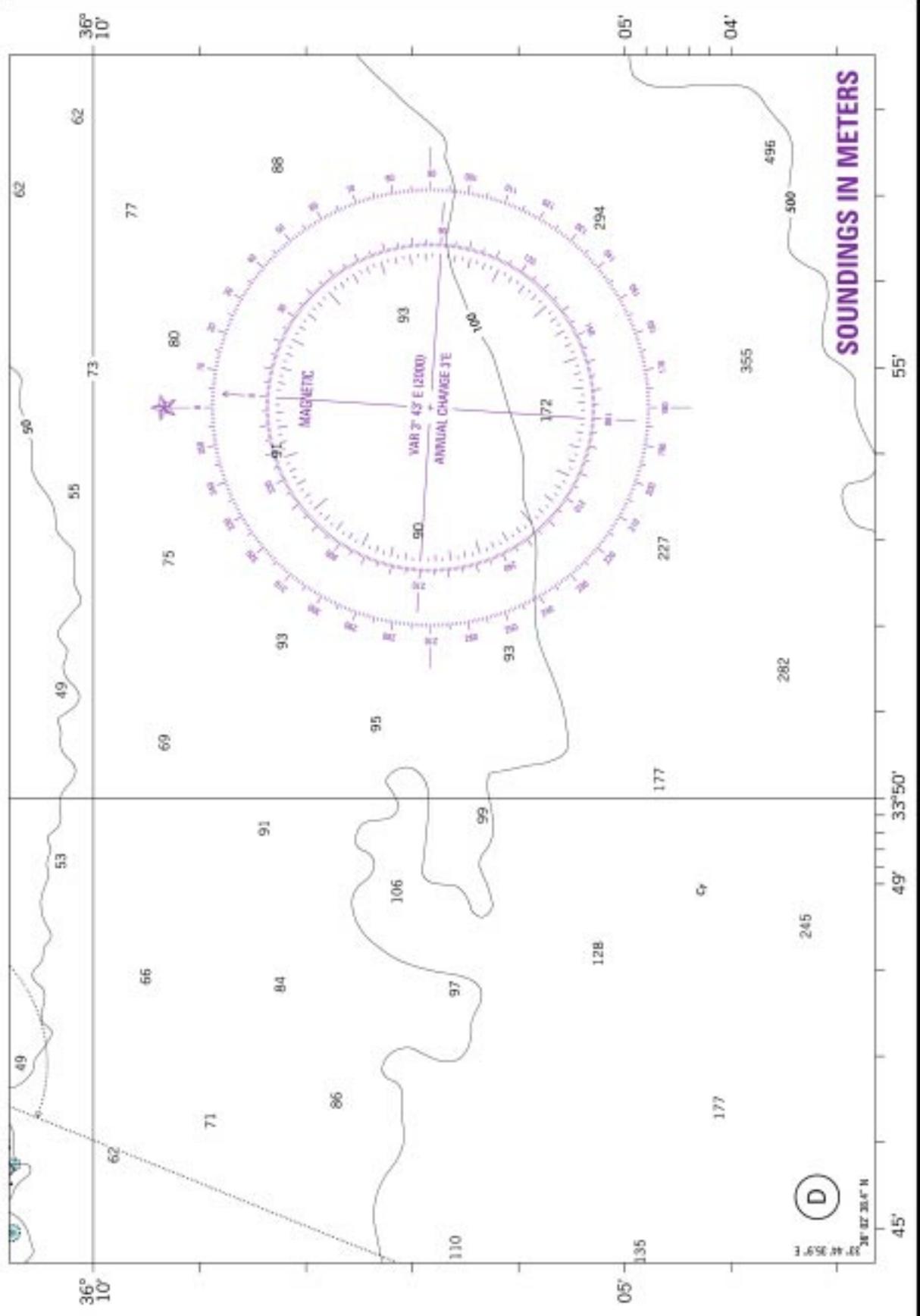
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Chart 54409 (Plan D)

(B)

NM 8/03



SECTION I

Chart 11325

NM 8/03

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	
HOUSTON SHIP CHANNEL: EXXON OIL CO. SLIP							DEPTH MLW (FEET)	
TO CARPENTERS BAYOU (A)	32.0	37.0	39.0	34.0	11-02	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	36.0	38.0	34.0	28.0	11-02	400-300	4.70	40
GREENS BAYOU CHANNEL (TO FIRST BEND)	39.0	42.0	44.0	42.0	4-02	500-175	0.34	36
THENCE TO HUNTING BAYOU (UPPER BEND)	40.0	43.0	43.0	40.0	8-02	300	1.91	40
TURNING POINT AT HUNTING BAYOU	43.0	42.0	42.0	41.0	6-02	600	0.17	40
THENCE TO SOUTHERN PACIFIC SLIP	39.0	41.0	41.0	38.0	8-02	300	3.04	40
TURNING POINT AT SIMS BAYOU	43.0	44.0	42.0	42.0	6-02	700	0.26	40
THENCE TO HOUSTON TURNING BASIN WHARF 15	41.0	42.0	41.0	38.0	8-02	300	2.69	36
TURNING POINT AT BRADY ISLAND	22.0	33.0	40.0	39.0	5-02	422	0.17	36
HOUSTON TURNING BASIN	36.0	35.0	37.0	35.0	7-02	250-1000	0.70	36
UPPER TURNING BASIN	21.0	22.0	15.0	19.0	7-02	150	0.23	36
A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO.								
B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.								
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11329

NM 8/03

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	
LOWER END OF MORGAN PT. TO EXXON OIL CO. SLIP	36.0	38.0	38.0	33.0	10-02	400-525	4.20	40
EXXON OIL CO. SLIP TO CARPENTERS BAYOU (A)	32.0	37.0	39.0	34.0	11-02	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	38.0	38.0	34.0	28.0	11-02	400-300	4.70	40
A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO.								
B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.								
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11343

NM 8/03

SABINE AND NECHES RIVERS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) PROJECT DIMENSIONS								
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE-NECHES CANAL :								
PORT ARTHUR TO NECHES RIVER	33	39	41	31	10-02	400	9.6	40
NECHES RIVER TO SABINE RIVER	26	25	23	22	8-02	200	3.9	30
NECHES RIVER:								
MOUTH TO SMITH BLUFF	27	30	32	32	11-02	400	8.3	40
TURNING BASIN AT DEER BAYOU	37	35	32	32	11-02	700	0.2	40
TURNING BASIN AT SMITHS BLUFF	37	36	35	33	11-02	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT	16	25	25	19	11-02	400	7.5	40
TURNING BASIN (30°0'21" N, 94°0'15" W)	34	39	40	37	11-02	400-1306	0.2	40
CHANNEL EXTENSION	35	35	32	28	11-02	350	0.2	36
MANEUVERING AREA (30°0'44" N, 94°0'50" W)	30	39	38	37	11-02	400-1000	0.6	40
BEAUMONT TURNING BASIN	37	37	38	37	11-02	400-535	0.2	34
TURNING BASIN EXTENSION	37	34	31	25	11-02	300	0.2	34
THENCE TO TRINITY INDUSTRIES	16	23	25	18	11-02	200	0.6	30
SABINE RIVER:								
MOUTH TO ORANGE MUNICIPAL SLIP	26	29	30	26	9-02	200	6.6	30
ORANGE TURNING BASIN	26	26	29	28	9-02	200 - 1400	0.6	30
ORANGE MUNICIPAL SLIP	24	30	26	20	9-02	150-200	0.5	30
ORANGE MUNICIPAL SLIP TO OLD HIGHWAY BRIDGE SITE	27	29	32	29	9-02	200	2.2	30
CHANNEL AROUND ORANGE HARBOR ISLAND	13	16	20	18	9-02	150-200	1.6	25
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 12324 (Side A)

NM 8/03

SANDY HOOK BAY, SHREWSBURY AND NAVESINK RIVERS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2002			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	MIDDLE HALF (FEET)	WIDTH (FEET)	DATE OF SURVEY
SANDY HOOK BAY			
TERMINAL CHANNEL	43.5	400	2-97
SHREWSBURY RIVER			
HIGHLANDS REACH	9.9	150	5-02
RUMSON REACH	7.2	150	5-02
LONG BRANCH REACH	6.7	150	5-02
NAVESINK RIVER			
BARLEY POINT REACH	4.4	150	5-02
FAIR HAVEN REACH	5.3	150	5-02
RED BANK REACH	5.7	150	5-02
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE			

SECTION I

NM 8/03

CHARTS AFFECTED BY NOTICE TO MARINERS NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11313	22	4.31/02	11374	31	45*,49,50/02;1,2,7,8/03	11491	33	2,18,22,28,29,30,34,37, 38/02
50	5	5.8,17/02	11314	21	4.8,14/02	11375	35	1*,2,5,7/03	11492	19	9/02*
51	1	7/02	11315	30	37/02*	11376	48	9*,13,15,16,21,22,23,25, 27,29,31,40,43,50/02;2, 7/03	11493	9	N11,N24,N39/02
52	1	14,18/02	11316	38	4,11,13,14,16,21,25,36, 37,40,49/02	11377	4	26*,40,50/02;2/03	11494	8	N11,N12,N24,N39/02
53	2	5,17/02	11317	29	20*,21,25,37,40,49/02	11378	31	10*,16,18,22,23,25,27, 30,32,40,50/02;7/03	11495	16	19/02*
70	4	7/03	11318	1	N6,N7,N12,N21,N29, N46/02;N6/03	11382	39	46/02*	11496	9	N6,N32,N35/02;N1/03
71	4	7/03	11319	30	11,13,25,40/02	11383	49	19*,22,27,30,32/02	11498	16	19/02*
72	4	7/03	11320	1	N8,N9,N28/02	11384	32	3,10,18,22,30,32/02	11502	28	11/02
101	3	48/02	11321	29	12*,22,28,39,40,41,45/02	11385	25	23/02*	11503	39	38*,39,43/02
108	9	12,13,32,35/02	11322	27	21,22,24,36,37,49/02; 4/03	11388	16	7,10,17/02	11505	1	4,11,16,18,26,28,31,34, 40,49/02;1,4,5/03
302	1	2/03	11323	59	2*,28,33,37,39,45/02;1, 6,7/03	11389	32	2*,7,8,11,18,23,28,33, 37/02;2,7/03	11506	39	5,12,18,25,32,35,39,49, 52/02;1,5/03
310	20	2/03	11324	32	22*,24,25,31,33,37/02;1, 6,7/03	11390	22	23*,27,33,34,37/02;7/03	11507	30	24,34,48/02
400	3	23,26,31,32,33,35,45/02	11325	34	19*,21,24,35,37,49/02;4, 6,8/03	11391	22	6,8,18,23,33,34/02;7/03	11509	27	12*,20/02;1/03
401	5	22,23,26,31,33,35,45/02	11326	31	7/03*	11392	6	2,10,34/02	11510	18	34/02
411	48	11,13,16,22,23,26,31,32, 33,35,40,42,45,50/02;5, 6/03	11328	22	6,7,9,10,21,36,37,39,47, 49/02;4,6/03	11393	20	5*,7,8,11,18/02	11511	16	12/02*
500	7	5/02	11329	34	5,7,10,11,16,21,22,24,28, 37,49/02;1/03	11400	34	9*,11,23,39/02;4/03	11512	58	10,15,16,18,20,26,28,31, 34,40,48,49/02;1,4,5/03
501	11	6,8,10,34,38/02;6/03	11330	14	2*,4,6,7,8/03	11401	29	8,23/02	11513	23	4,18,32,49/02;1/03
502	2	52/02	11331	18	11,17,23/02;8/03	11404	21	15,23,50/02	11514	26	37*,40,49/02;4,5/03
507	2	45/02	11332	28	42*,43,49,51/02;6/03	11405	28	31/02*	11515	17	10/02*
508	2	15,24,45/02	11333	1	N28/02	11407	18	15/02*	11516	29	7*,18,24,37,49/02
509	4	14/02	11334	67	2*,5,6,7,8/03	11408	28	3/03*	11517	17	32/02
513	6	5,17,38/02	11335	38	6,7,9,10,11,12,16,18,21, 22,23,24,28,30,31,34,36, 37,39,43,49/02	11409	27	4/03	11518	32	6,15,16,32,35,43,48, 52/02
520	127	5,8,20,38/02	11336	51	7,11,14,17,21,23,24,30, 37,43,49/02;4,8/03	11411	14	43*,45/02;7/03	11520	40	31*,39,40,44,46,51/02;4, 6,7/8/03
521	11	5,17/02	11337	34	12*,21,24,36,37,39,47, 49/02;1,4,8/03	11412	41	42*,45/02;1,6,7/03	11521	26	15*,17,32,35/02
522	87	14,18/02	11338	18	11,17,23/02;8/03	11415	5	42*,45/02;1,2,7/03	11523	21	15*,17,32,35,52/02;5/03
523	8	5,17/02	11339	28	42*,43,49,51/02;6/03	11416	5	42*,48/02;1,2,6/03	11524	46	8/03*
524	12	14,18,47/02	11340	67	2*,5,6,7,8/03	11420	26	5,20,39,42/02;4,7,8/03	11525	6	N2,N12,N14,N17,N19, N23,N39,N40,N44,N46, N51/02;N4,N6,N8/03
525	3	14,18/02	11341	38	6,7,9,10,11,12,16,18,21, 22,23,24,28,30,31,34,36, 37,39,43,49/02	11421	17	21,24,36,42/02;4/03	11527	16	12,37/02
526	10	7,9,12,18,47/02;6/03	11342	51	7,11,14,17,21,23,24,30, 37,43,49/02;4,8/03	11425	34	46*,49/02;4/03	11531	21	31/02*
530	30	22*,26,37,38,40,52/02; 6/03	11343	36	7,17,21,23,37,40,49/02;4, 8/03	11426	35	31/02*	11532	20	15*,37/02
531	21	18*,47,52/02	11344	34	5,7,10,12,13,16,17,19,24, 28,30,38,40,43,47,49, 51/02;4,7/03	11427	33	2/03*	11534	31	2*,9,13,14,32/02;7/03
532	17	5,17,38/02	11345	30	10,12,16,40,51/02	11428	32	52/02*;6/03	11535	12	12*,25,46/02
540	16	51/02	11346	33	42*,43,47,49/02;4,6,7, 8/03	11429	21	47/02*	11536	15	19*,40/02;4,7/03
541	2	6/03	11347	19	23/02;6,7/03	11430	24	16/02	11537	33	7*,8,9,13,17,20,23,31,32, 33,39,40,42,44,50/02;4,5, 7/03
550	7	18,24,45/02;6/03	11348	40	38*,42,51/02	11431	12	31/02*	11539	18	2,9,39,44,51/02;6/03
601	4	14/02;6,8/03	11349	24	15/02*	11432	14	21/02*	11541	33	8/03*
602	6	12,47/02;6/03	11350	37	5,6,8,9,10,11,12,15,16, 19,22,27,28,30,33,36,37, 38,40,47,51/02;5,6,7, 8/03	11433	33	6,7/03	11542	15	39/02
603	6	47/02	11351	24	5,6,8,9,10,11,12,15,16, 19,22,27,28,30,33,36,37, 38,40,47,51/02;5,6,7, 8/03	11434	30	7/03	11543	22	13,18,29,39/02;8/03
604	5	12,18/02	11352	36	3*,7,8/03	11435	13	N20/02;N8/03	11544	37	36/02*;8/03
605	4	9,12/02;6/03	11353	21	21*,24,25,26,35,38,43, 45,49/02;4,5,7/03	11436	11	7,8/03	11545	60	45*,47,42,6,8/03
606	1	9/02	11354	23	5,6,8,12,15,16,19,22,27, 28,33,37,38,40,47,51/02; 7,8/03	11437	25	15/02*;6,7/03	11547	35	22*,25,29,30,37,47/02;6, 8/03
607	1	7/02	11355	19	23/02;6,7/03	11438	11	7,8/03	11548	38	47/02*
621	5	7,22/02	11356	40	38*,42,51/02	11439	25	15/02*;6,7/03	11553	28	8/03*
622	9	9,12,14,20,47/02;6/03	11357	51	36*,37,40,42,51/02;6/03	11441	39	13,36/02;6,7/03	11555	38	36/02*;7/03
623	9	14,47/02	11358	23	2*,24,26,27,31,39,42, 51/02;7/03	11442	33	6,7/03	12200	47	38*,42,52/02;7/03
624	3	22/02	11359	11	22*,26,39/02	11443	30	36/02;7/03	12201	25	N14,N15,N17,N19,N23, N42,N52/02;N7/03
632	8	15,24,45/02	11360	40	1*,2,5,6,8/03	11444	16	7/03	12204	34	13,20/02
702	5	7/03	11361	69	13*,16,17,19,22,24,25, 26,27,31,34,36,45,51/02; 6/03	11445	39	42*,43,49/02	12205	27	37*,43,52/02
703	4	46/02;7/03	11362	4	N5,N6,N7,N8,N10,N12, N13,N14,N16,N17,N18, N22,N23,N24,N28,N29, N31,N33,N36,N39,N40, N47/02;N2,N5,N6,N8/03	11446	35	24*,4,24,27/02;4/03	12206	29	31*,33,38,46/02
705	3	12,46,52/02	11363	38	26*,29,35,38,40,43,49, 51/02;4,5,7/03	11447	37	47*,50/02;4/03	12207	20	2,11,23,50,52/02
709	2	50/02	11364	39	3*,4,5,8/03	11448	39	42*,43,49/02	12208	8	12*,18,23,50,52/02
800	4	17/02	11365	17	52/02*	11449	16	7/03	12210	36	8/03*
803	1	8,17/02	11366	7	48*,51/02;5,6,7,8/03	11450	8	26*,28/02	12211	40	15*,27,28,51/02;7/03
1113A		5,20,39,42/02;4,7,8/03	11367	34	9,11,12,13,28,29,39,40, 42,45,47,51/02;6,7/03	11451	30	8*,22,28,43/02;7/03	12214	43	5,11,12,23,26,27,42/02
1114A		9*,11,23,39/02;4/03	11368	31	38/02*	11452	21	31/02*	12215	73	52/02*;1,4,6,7,03
1115A		1*,2,5,6,8/03	11369	43	5,8,12,16,17,25,30,33,35, 38,39,43,49/02;4,5,03	11453	31	8/03*	12222	42	13*,27,30,33,34,38,43, 44,46,50,52/02;5,6/03
1116A		2*,5,6,7,8/03	11370	23	2*,5,6,17,31,33,40,45,51/02	11454	22	8/03*	12224	23	8/03*
1117A		28*,30,31,37,39,40, 42,45,51/02;1,6,7,8/03	11371	35	9/02;7/03	11455	32	52/02*	12225	53	28*,30,31,47/02;4,6,7/03
11004	7	4,7,8,9,10,11,12,13,15, 16,18,22,26,28,31,37,39, 40,42,43,45,47,51/02;5,6, 7,8/03	11372	30	2*,7,8/03	11456	19	15,26,27,31,32,33,34,35, 36,37,38,39,40,41,42,43,44, 45,46,47,48,49/02;4/03	12226	16	2*,22,30/02;7/03
11006	30	28*,36,39,40/02;2,6/03	11373	42	31*,33,37,38,40,41,42,45, 46/02;4,6,7/03	11457	37	6,32,35/02;1/03	12227	26	14,27,47/02
11009	36	2*,5,12,19,23,24,32,35, 44,45,51/02;6/03	11374	31	5,12,16,17,25,33/02	11458	4	42*,49/02;6/03	12228	37	46/02*;1,4,7,03
11013	44	18*,20,35,50/02;6,7,8/03	11375	22	38/02*	11459	21	15,16/02	12229	21	9*,14,16,34,44,46/02;7/03
11300	38	26*,28,30,31,37,39,40, 41,42,45,51/02;1,6,7, 8/03	11376	43	5,8,12,16,17,25,30,33,35, 38,39,43,49/02;4,5,03	11460	37	12*,30,31,47/02;4,6,7/03	12230	59	52/02*;1,4,6,7/03
11301	23	7,10,14,21,37/02	11377	19	2,4,15,16,31,49/02;6/03	11461	22	9/02*	12231	26	9*,14,31,35,46/02;7/03
11302	29	34*,37/02	11378	19	2,4,15,16,31,49/02;6/03	11462	6	N2,N16,N29,N35,	12233	35	3*,4,5,6/03
11304	12	10/02	11379	4	N5,N8,N12,N15,N24, N27,N28,N29,N35,	11463	37	12*,30,31,47/02;4,6,7/03	12235	29	12*,27,30,33,34,38,43, 44,46,50,52/02;5,6/03
11305	1	N6,N7,N11,N21,N26, N29,N36,N46/02;N1,N6, N7/03	11380	7	48*,51/02;5,6,7,8/03	11464	21	15,16/02	12236	22	43/02*
11307											

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12252	23	5,33,34/02;4,7/03	13003	45	2,8,11,12,13,19,21,23,25, 36,37,42,48,49/02;1,5, 7/03	13392	2	6/03	14845	26	4,18/02;4/03
12253	42	9*,33,38,42,46,50/02	13006	30	39*,44,48,49,50/02;1, 5/03	13394	3	39/02*	14846	11	18,23,24,39,40/02;2/03
12254	43	38*,43,44/02	13009	30	42*,48,49/02;1/03	13396	4	13/02*	14847	30	24,40/02
12255	15	13*,44/02	13200	33	13*,25,37,48/02;7/03	13398	3	19*,36/02	14848	56	9*,23,24,31/02
12256	13	19*,33,44/02	13201	10	N13,N25,N37,N48/02	14002	57	21/02	14850	51	21*,23/02;7/03
12261	28	37*,44/02;7/03	13203	12	37/02	14003	6	11,12,13,16,25,48,49/02; 5/03	14852	44	9*,20,23,25,26,37/02; 7/03
12263	51	38/02*,7/03	13204	12	13/02	14018	6	16/02	14853	13	21*,23,24,25,26,31, 37/02;7/03
12264	28	38/02*,7/03	13205	36	9,12,37,42,45,48/02;1, 5/03	14024	5	33,36,39/02	14854	13	24/02
12266	27	30/02	13209	23	14,37/02	14040	65	40/02	14860	35	8*,21,24/02
12268	10	22/02*	13211	13	9,21,23,47/02	14044	44	6/03	14862	28	26/02*
12270	31	3,5,8,14,21,27,36/02; 7/03	13212	34	9,12,21,23,45,47,48/02	14061	27	6/03	14863	30	5*,10,24/02
12272	29	26*,27,36,45/02	13213	39	8,45/02;6/03	14066	19	6/03	14864	26	24,37/02
12273	53	26*,31,36,45,50/02;5/03	13214	27	34*,45,48/02;5/03	14067	11	6/03	14865	16	4/03
12274	33	37*,50/02;5/03	13215	17	9,14,45,48/02;1,5/03	14083	30	33/02	14867	25	6,32/02
12277	31	26*,50/02;8/03	13216	1	N12,N48/02	14087	58	33/02	14869	26	9/02*
12278	72	26*,36,45/02	13217	14	14/02	14088	10	41/02*	14871	2	21/02
12280	3	37*,43,45,46,47,50, 52/02;1,6,7/03	13218	38	11,29,42,45,51/02;5/03	14089	29	41/02*	14872	3	21/02
12281	49	15/02	13219	12	14/02	14090	2	33/02	14873	2	35/02
12282	33	31*,44/02;7,8/03	13221	53	2,4,15,29,44,51/02;2,5, 7/03	14091	6	41/02*	14880	30	33/02;4/03
12283	24	3,5/02;8/03	13222	53	2,4,15,29,44,51/02;2,5, 7/03	14144	29	21/02	14881	31	28*,33/02
12284	15	7/03	13223	36	2*,15,52/02;2/03	14151	2	37/02	14883	42	6,17,23/02
12285	34	27,39,43/02;1,4,5,6/03	13224	36	7*,44/02;5/03	14180	38	21/02	14885	20	51/02
12286	29	2*,4,6/03	13226	5	2,4,5,44/02;6,7/03	14185	2	3/02	14886	10	8/02
12287	17	2/02	13227	13	2,4,5/02;7/03	14203	12	19/02	14901	14	52/02*,5/03
12288	19	2,27/02	13228	11	51,52/02	14204	21	19/02	14902	28	24,25,31/02;4/03
12289	47	39/02;5/03	13229	27	11,17,39,42,45,52/02;1, 7/03	14206	20	19/02	14903	22	8,23,32/02
12300	42	17,18,19,28,29,37,39,42, 45/02;5/03	13230	46	2*,7/03	14208	28	40/02	14904	25	5,17,31,32,46/02
12301	21	N20*,N28,N29,N37, N39,N42,N45/02;N5/03	13232	4	11,39,42/02	14221	26	40,46/02	14905	29	31,35,37/02;5/03
12304	42	28*,42,52/02	13233	16	17/02	14222	16	46/02	14906	23	5/03
12311	41	2,4,15,18,28,31,42,50, 52/02;8/03	13235	5	17/02	14223	18	3/03	14907	25	2*,13,17/02
12312	51	4,5,8,9,18,21,27,31,33, 42,43,52/02;4/03	13236	29	45/02;1,7/03	14225	17	38/02	14908	17	13/02
12313	48	5,9,14,18,21,27,31,33,43, 52/02	13237	38	2,4,17,42,48/02;7/03	14226	32	40/02;6/03	14910	22	25,31/02
12314	30	46*,50/02;5/03	13238	15	21*,34,42,02	14227	28	40/02;6/03	14911	20	4/03
12316	29	2*,6/03	13241	15	22*,34,42/02	14228	11	40/02;6/03	14916	10	45/02*
12317	31	15*,26,37,50/02	13244	39	22*,48/02;7/03	14240	6	16,34/02;1/03	14917	23	17/02;3/03
12318	40	19,39,45/02;6/03	13246	36	11,26,27/02;8/03	14242	13	34/02	14918	26	25/02
12323	23	19,40/02;4/03	13253	18	3*,8/03	14243	8	19,34/02	14919	27	10,24/02
12324	30	2*,8/03	13260	38	28*,36,43,48,49,50/02;1, 7/03	14244	5	19/02	14922	19	26*,51/02
12326	48	12,17,18,27,28/02;4,8/03	13263	7	N2,N8,N11,N20,N21, N25,N27,N36,N43,N48, N49/02;N1,N7/03	14260	47	35/02	14924	27	28*,32/02;5/03
12327	96	1*,2,8/03	13264	103	5,21,36,49/02	14280	37	35/02	14926	9	18,31,32,35,37/02
12331	30	8/03*	13267	30	6*,12,17,19,27,52/02;1, 7/03	14310	2	52/02	14927	24	21*,31,32,35,37/02
12332	21	15,22,43,46/02	13270	59	2,3,5,9,17,19,33,34,40, 43/02;1,2,7/03	14340	25	16,17,26,33,37,40,52/02	14929	23	18,31,32,02
12333	32	46*,47/02;5/03	13272	47	3,11,19,28,40/02;8/03	14360	36	16,26,33,36/02	14930	24	45/02
12334	64	3,22,27,30,33,45/02;1,2, 8/03	13274	24	3,5,17,19,27,45,52/02;1, 2/03	14386	3	36/02	14931	24	35/02*
12335	39	6/02*,1,8/03	13275	27	2,5,17,19,27,45,52/02;1, 2/03	14415	4	33/02	14932	22	32/02
12337	22	8,15,20,28,31,45/02	13276	21	19,27,52/02	14500	27	52/02*	14933	24	35*,37/02
12339	43	5/02	13278	25	1/03	14769	7	N31/02*	14934	26	4,6/02;2/03
12341	25	22/02*	13279	29	1/03	14772	17	15/02	14935	21	17/02
12343	18	37/02*,7/03	13283	18	11/02;1/03	14773	16	15,19/02	14937	24	52/02*,2/03
12345	10	42/02*	13285	10	11/02	14775	1	N31/02*	14942	25	35/02
12347	29	25/02	13286	29	39*,40,50/02;1/03	14776	1	N31/02*	14965	20	3/03
12348	33	25/02	13288	40	2,9,11,15*,20,23,29,36, 43,50,51/02	14777	1	N31/02*	14966	24	5/03
12350	57	39*,49/02	13290	34	2,10,20,36,40,43,50, 51/02;7/03	14782	24	21,22/02	14967	22	10/02;5/03
12352	29	9*,12,34/02	13292	36	20*,36,40/02;7/03	14785	16	22/02	14970	25	6,40,46,51/02
12354	39	9*,12,14,22,28,33,37, 45/02;2,6,7/03	13293	33	43,52/02	14786	13	5*,24/02	14972	25	21/02
12358	19	46*,49/02;1,7/03	13294	25	43/02	14800	9	19,23/02	14974	24	32/02
12362	16	49/02	13295	11	48/02*	14803	26	5/03	14975	33	52/02*
12363	39	2,3,14,18,28,44/02;6/03	13297	36	20*,36,40/02;7/03	14804	24	20/02*,5/03	14984	9	18/02*
12364	33	20*,22,28,44,47,49, 51/02;4,6/03	13298	33	26*,29,43,51/02	14810	4	19/02	14995	11	52/02*
12366	26	2,18/02;6/03	13299	11	43,52/02	14813	21	2/03*	15562		N41/02
12366	27	3,14,51/02	13301	20	9,25,33,51/02	14820	18	31*,35,38,39/02;2/03	15744		N30/02
12367	23	18/02	13302	21	3*,8,9,20,25,41/02;2, 7/03	14823	30	1/03*	15880		N41/02
12368	26	42/02*	13308	11	14,40/02	14824	25	24/02	15926		N9/02
12369	25	31*,44/02	13309	28	42/02*	14826	27	4/03*	15954		N47/02*
12370	18	39/02*	13303	12	48/02*,7/03	14829	5	21/02	16003	16	18/02*
12371	22	28,47/02;6/03	13305	28	8,25,40,41,49,49/02;2,7/03	14830	29	18,23,39,51/02;2/03	16004	11	9/02
12372	31	45*,47,48/02;2,5,6/03	13308	11	14,40/02	14832	34	52/02*	16006	33	6/03
12373	14	2/03	13309	28	42/02*	14833	25	7,20,26/02	16011	35	5,38/02;8/03
12375	21	22/02	13312	20	5,21,36,52/02	14835	31	39/02	16012	21	38/02
12377	14	22,25,37/02	13313	19	21,25,41,49,52/02;6/03	14836	27	42/02*	16013	28	17,22,29,52/02
12378	14	2/03	13315	11	19*,49/02	14837	27	26/02*,3/03	16041	8	13/02*
12401	7	31*,47/02;2/03	13318	18	38*,41,52/02;5,6/03	14838	3	52/02*	16042	7	39/02*
12402	8	31*,33,47/02	13322	9	19/02*	14839	35	7,21,24,37/02;1/03	16061	8	19*,27,37,49/02
13000		N8,N11,N12,N13,N21, N25,N48,N49/02	13323	7	5/03	14842	12	4,18,23,39/02;2,4/03	16206	7	2/02
			13324	13	5,41,52/02;2/03	14843	22	23,39,51/02	16220	5	6/02
			13325	14	5/02;2/03	14844	31	4,18/02;4/03	16300	8	52/02;3,8/03
			13326	12	41,43/02				16305	9	8/03
									16322	7	8/03
									16363	12	38/02*
									16380	13	13,17/02
									16381	8	8/03
									16382	10	13,17/02
			</								

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
16440	13	37/02	17430	10	5/03	18452	16	17/02	18704	12	37/02
16441	7	37/02	17434	11	11/02;5/03	18453	23	28,38/02;6,7/03	18720	31	8,23,35/02;4,6/03
16442	6	3,37/02	17437	8	14,16/02	18455	2	N17,N22,N39/02	18721	11	8,35/02;6/03
16480	10	38/02	17438	12	10,12,14,16,50/02	18456	19	12/02	18722	3	8/02
16520	21	2/03	17443	12	8,10/02	18457	9	12,15/02	18723	3	8/02;6/03
16521	5	27/02	17444	4	10,12/02	18458	14	6,7,17,22,32,39/02	18725	26	4,8,23,35/02;4,6/03
16529	14	50/02	17445	2	12,16/02	18459	5	N7,N17,N22,N32, N39/02	18740	39	8,16,20,23,34,37,45, 50/02;5,6/03
16530	6	50/02	17460		N12/02;N5/03	18460	11	2*,6,7/03	18741	18	N25,N45,N50/02
16531	7	18/02*	17465	4	6/03	18464	22	9,32/02;7/03	18744	30	37/02
16535	12	2/03	17471		N15/02;N6/03	18465	35	2/03*	18746	34	7*,20,23,34/02;5/03
16549	14	4/03	17472	4	5/03	18468	17	7/03	18749	38	7*,10,16,18,20,23,25,27, 40/02;5,6/03
16556	4	8/03*	17480	4	8,15,43/02;5/03	18471	8	13*,32/02;7/03	18751	42	7*,10,16,20,25,27,40/02; 5,6/03
16566	10	17/02	17482		N7/03	18473	7	4/03*	18754	16	36/02
16568	12	39/02*	17485	4	16/02	18474	7	45/02*-7/03	18758	6	35/02*
16575	1	39/02	17489	19	8,43/02	18476	4	6,7,12,17,22,32,39/02; 7/03	18760	6	N8,N16,N23,N34,N35, N45,N50/02;N6/03
16576	3	42/02;6/03	17491	3	8/02	18477	5	4,12/02;7/03	18761	2	N20/02
16580	11	39/02	17495	2	8,43/02	18480	29	2*,6,7/03	18762	15	20/02
16590	10	38/02*	17503	4	11,43/02	18484	10	28,40/02	18763	9	20/02
16594	13	2/03	17506		N8/02	18485	15	2/03*	18765	15	18*,25,45,50/02
16595	14	2/03	17513		N8,N11,N42,N43/02	18500	28	19*,22,32,39/02	18766	7	25,45,50/02
16596	12	39/02*	17515	7	8,11,12/02;6/03	18502	84	30*,32,39,42,49/02	18768	4	N25,N45,N50/02
16597	8	16,43/02	17517	8	4/02;6/03	18504	64	18,52/02	18769	2	N20/02
16598	9	43/02	17518	7	6,P44,48/02	18520	24	10,33,39/02	18772	46	20,25,50/02
16599	6	16,43/02	17519	13	4/02	18521	69	34*,39,49/02;4/03	18773	38	4,8,18,20,23,25,50/02
16603	7	42/02;6/03	17520	2	N4/02;N6/03	18523	53	3,7,10,12,15,25,26,33/02; 4/03	18774	10	35/02*
16604	11	22/02*	17521		N8/02	18524	33	18*,26,28,31,33/02;4, 6/03	18775	2	N20/02
16606	11	37/02*	17525		N8/02	18525	33	4,7,11,14,15,28,31,33/02; 4/03	19002	9	N23,N25,N37,N51/02
16608	3	6/03	17528		N8,N43/02;N6/03	18526	55	4,7,11,15,16,28,31,33/02; 4/03	19004	36	23,25,35,37,51/02
16645	18	13/02*	17541	3	8,43/02	18527	21	16,31/02	19007	16	51/02
16646	12	5/02*;8/03	17542	6	47/02	18528	10	52/02*	19010	17	45*,51/02
16660	28	7,13,22,25,29,42/02;6/03	17543	17	9,11,13,41/02	18529	10	52/02*	19013	16	25,51/02
16662	6	3,22,29/02	17545	13	9,43,47/02	18531	20	7*,11,26,31,34/02	19320	16	23,27,35,37,51/02;5/03
16663	6	3,7,13,22,25,29,42/02; 6/03	17546	22	9,13,42,43,47/02	18532	20	7/02*	19324	22	27,35/02;5/03
16665	7	7,13,22,25,29,42/02;6/03	17549	6	13,47/02	18541	8	21/02*	19327	10	23/02
16680	10	6/02;6/03	17550	4	15,42,43,P44,45,47,48, 52/02	18548	5	8/03*	19330	9	6/02*
16681	10	37/02*	18000	8	8,45/02;6/03	18558	37	19*,39/02	19339	1	N25,N35,N49,N51/02; N5/03
16682	15	8/03*	18002	6	N8,N45/02;N2,N6/03	18561	11	10,33,39/02	19340	26	25,35,49,51/02;5/03
16683	9	3,6/03	18003	18	10,26,33,38,39,40,P44, 45,47,48,52/02	18580	21	10,26,33,38,39/02	19341	9	7/02*
16700	27	21*,49,52/02	18005	4	N6,N8,N20,N34/02;	18581	17	49/02*;4/03	19347	17	25/02
16701	18	21*,52/02	18006	4	N6/03	18583	38	4,7,31,33,42,49/02	19350	11	27/02
16702	10	8,38,52/02;1/03	18007	3	N6/03	18584	47	7,30,39,49/02;4,6/03	19351	9	25/02
16705	19	5*,49/02	18008	7	N6,10,N14,N20,N26, N33,N34,N37,N38,N39, N40,N47,N52/02	18585	68	7,11,14,25,30,33,39, 42/02;4,6/03	19357	22	42*,49,51/02;5/03
16707	10	34,37/02	18009	2	N34/02;N6/03	18588	36	32,33,49/02	19360	1	N37,N51/02
16708	25	37,49/02	18010	20	6,33,34,37,38,39,40/02; 6/03	18600	14	15*,33,37,38,40/02	19362	12	49/02
16709	22	15*,49/02	18020	36	6,8,20,34,37,45/02;6/03	18601	13	6/02	19366	36	13*,31,49,51/02;5/03
16711	2	15/02*	18022	33	13*,23,34,37,45/02;6/03	18602	11	26,32,33/02	19367	37	22,31,49/02
16713	2	13*,49/02	18040	43	2*,6/03	18603	15	37,40/02	19369	5	22,31,49/02
16741	9	46/02	18041	12	5/02	18620	23	35/02*	19370	1	N25,N51/02;N5/03
16760	10	51/02	18042	22	4/02	18622	52	26,28,49/02	19380	14	25,51/02;5/03
16762	9	26/02*	18043	21	4/02;6/03	18623	11	34/02	19381	8	25,49,51/02
17003	4	8,9,47,52/02	18045	12	43/02	18626	15	37/02	19383	17	49/02;5/03
17005	10	8,9,11,41,45,47,52/02	18046	5	5/02	18640	24	13,15,24/02	19385	7	20/02*
17008	12	8,13,43/02	18047	5	4,8/02	18643	16	24,49/02	19387	9	N25/02
17300	30	52/02*	18049	8	11/02	18645	24	15,19,50/02	19421	7	8/03*
17302	18	21*,51/02	18049	9	8/02	18647	15	2/03*	21005	5	45/02;2/03
17303	9	15,37/02	18049	18	5,13,42,42/02;7/03	18649	62	3,8,11,12,15,19,20,23,33, 36,38,41/02;4,6/03	21008	62	39,42,43,50/02;1,2/03
17315	23	2/03*	18049	12	43/02	18650	51	28*,33,38,41/02;4/03	21011	5	2/03
17316	20	28/02*;3/03	18049	5	5/02	18651	41	12/02;4/03	21014	72	42,50,52/02;2,3,4/03
17320	15	15/02	18049	5	4,8/02	18652	31	2*,8,11,18,19,20,23,26, 27,30,33,38,41,49/02;4,6, 7/03	21017	50	23,41,50/02;4,5,6/03
17327	20	5/03	18049	8	11/02	18653	9	3,8,11,15,19,36,38,41/02; 4,6/03	21020	42	23,41/02;5,6,7/03
17330	7	15/02	18049	9	8/02	18654	42	28*,38,49/02	21021	3	45/02
17360	32	44/02;1,6,8/03	18049	18	5,13,42,42/02;7/03	18655	58	10*,19,49/02	21023	41	5,34/02;7,8/03
17372	10	2/02	18049	6	10,P44,48/02	18656	52	19,23,26,27,30/02;4,7/03	21026	47	5,13/02
17379	1	15*,20/02	18049	11	47/02	18657	18	19,26,27,30/02;4/03	21033	46	14,20,32/02;1/03
17381	10	13/02*	18049	13	3/03*	18658	29	23,26,27/02;4/03	21036	7	1/03
17382	14	44/02;1,6,8/03	18049	45	2/03*	18659	14	26,30,49/02;7/03	21120	27	47,50,51,52/02
17383	1	31*,49/02;8/03	18049	33	1*,5,7/03	18660	1	30,49/02;7/03	21121	18	47/02
17384	7	44/02	18049	24	7/03	18661	26	23,27,30/02;4,7/03	21122	5	47/02
17385	13	44,48/02	18049	21	35/02*-7/03	18662	20	30/02;7/03	21125	13	51,52/02
17400	16	14,15,36/02	18049	19	19/02*	18663	4	23,27,02;4/03	21126	1	50/02
17401	10	1/03	18049	9	3/03*	18664	14	26,30,49/02;7/03	21140	1	45,50/02
17402	10	46/02*	18049	7	28/02*;6,7/03	18665	1	30,49/02;7/03	21141	23	48/02
17409	10	39/02*	18049	6	2/03*	18666	26	23,27,30/02;4,7/03	21160	1	45/02
17412	2	12/02	18049	4	5/02;7/03	18667	18	19,26,27,30/02;4/03	21161	19	43,48/02
17413	2	13,14,43,50/02	18049	5	2/03*	18668	29	23,26,27/02;4/03	21180	1	2,7/03
17414	3	41/02	18049	4	15,26,P44,48/02;6/03	18669	14	26,30,49/02;7/03	21182	34	39/02
17416	3	13/02	18049	26	3/03*	18670	1	30,49/02;7/03	21200	1	2/03
17420	26	14,36,37,42,43,50/02; 1/03	18049	42	30*,32,39/02;6,7/03	18671	20	30/02;7/03	21301	13	3/03
17421	1	14/02	18049	15	7,8,17,39/02	18672	4	23,27,02;4/03	21342	28	41,44/02
17422	8	52/02*	18049	29	4,6,7,8,12,15,17,22,28,	18673	1	30,49/02;7/03	21384	3	23/02;6/03
17425	6	18/02*	18049	15	32,33,39/02;6,7/03	18674	31	25/02;6/03	21401	20	7/03
17426	13	37/02;1									

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
21441	27	34,44/02	22407	1	N4/03	24234	3	30/02	25640	40	28/02*
21489	1	13/02	22409	4	N45/02	24240	5	30,39/02;7/03	25641	26	5*,30/02
21500	1	5/02	22410	32	4,7,11,43,44,46/02	24250	5	30,39/02;7/03	25644	12	42/02
21510	1	13/02	22412	2	7/02	24251	23	24,34,43/02;6/03	25645	17	15/02*
21520	1	5/02	22413	N45/02		24252	5	30,39,43/02;6/03	25646	7	N42/02
21521	14	5/02	22418	2	24,36,44,46/02	24260	5	34/02	25649	18	18,30,35/02;4/03
21529	1	14/02	22420	2	4/03	24270	3	24,27/02	25650	33	22*,30/02
21540	36	5/02	22421	4	N4,N7,N11,N43,N44,	24290	3	36,43/02	25653	13	8/03*
21563	3	45/02		N46/02		24291	4	36/02	25663	27	19/02*
21601	4	14/02	22425	2	7,11,44,46/02	24292	4	36/02	25668	18	15*,16,48/02
21602	1	28/02	22427	1	N4,N43,N44,N46,	24293	6	6,32,36/02	25670	41	26,38,48,49/02;4,5/03
21603	9	5/03		N50/02		24294	22	6,36/02	25673	15	28,42/02
21605	7	19/02	22429	N24,N46/02		24311	4	27/02	25677	19	4,21,52/02
21661	12	6/03	22433	3	39,47/02	24312	4	27/02	25681	15	4/02;4/03
22004	38	18,20,23,30,32,34,36,39, 41,43,52/02	22436	2	39/02	24320	4	27,28,34,43/02;6/03	25683	17	30,49,52/02;5/03
22008	35	4,13,18,30,34,36,39,41, 43,44,48,52/02;6/03	22471	31	18,44/02	24321	3	6/03	25687	11	12,15,35/02
22012	31	4,14,16,30,34/02;6/03	22481	35	43,44/02	24322	6	28,34/02;6/03	25700	3	8,12/02
22036	28	18,47/02	22482	16	44,50/02	24350	2	31,51/02	25710	2	8,12/02
22050	4	19/02	23000	5	18/02	24355	2	51/02	25720	3	8,12,33/02
22051	18	28/02	23010	4	27,38/02	24370	1	34/02	25723	40	8/02
22052	6	28,46/02	23023	4	27/02	24375	2	34/02	25724	3	8/02
22080	3	20,32/02	23030	6	27,38/02	24380	2	35/02	25800	3	24,36/02
22082	4	4,17,19/02	23115	3	27/02	24388	2	35/02	25803	16	12/02
22083	5	19/02	23121	7	30/02	24404	8	14,21,26,35,44,48/02	25841	9	8,10,24,36/02
22084	4	42/02	23122	8	23,30,33/02	24405	10	14,26,35,36,44,48/02	25842	10	8/02
22090	2	30,32,43/02;4/03	23123	3	30/02	24406	30	20,26/02;2/03	25845	9	8/02
22100	3	20,32/02	23124	3	N30/02	24408	21	4,14,36,44,48/02	25848	25	8/02;5/03
22101	19	16,20,32,43/02	23125	4	30/02	24410	2	21,44/02	25849	13	8,42/02
22111	4	32/02	23126	6	N24/02*	24423	2	6,8/02	26050	1	13,34/02
22112	3	23,25,30,32,43/02	23127	4	N24/02*	24430	5	39/02;8/03	26060	1	49/02
22113	8	23,25,30/02	23128	4	N24/02*	24431	14	39/02	26081	8	46/02
22114	5	16,32,42,43/02	23129	2	N24/02*	24434	4	39/02	26083	14	29/02
22120	3	8,18,23,30,34,36,39,41, 43,52/02	23131	7	26,31/02	24444	2	6/02	26127	21	5,49/02;5/03
22121	9	6,8,17,23,30,34,36,44, 52/02	23141	7	34/02	24450	3	6/02	26128	50	5,49/02;5/03
22124	2	17,34,52/02;6/03	23142	10	8/03	24452	7	16,26/02	26129	11	4,26/02
22125	1	18,36/02	23150	10	20,37,52/02	24454	5	5/03	26140	2	8/02
22126	1	36/02	23152	3	37/02	24460	4	15,17,39,47/02	26142	10	8,24,33/02
22130	2	44/02	23153	8	20,31/02	24462	5	15,47/02	26143	10	8/02
22138	2	8,18,41,44,48/02;6/03	24000	39	27,29/02	24463	6	24,39/02	26145	10	8/02
22140	2	4,30,34,36,44/02	24004	36	5,7,29,30/02	24465	6	15,23,33,47/02	26147	31	8,10,13/02
22142	2	39,41,43/02	24008	42	7/02	24469	1	20,46,47/02	26148	4	8,13/02
22143	3	6,8,17,41,52/02	24012	40	6/02	24470	4	28,39,47/02	26210	2	24,36/02
22145	2	N41/02	24016	53	30,39/02	24471	8	28,47/02	26229	11	17/02
22160	2	4,30,34,39,41,48,52/02	24020	47	27/02	24480	1	14,17,25,27,41,44,45, 49/02	26230	12	17/02
22170	3	13*,30,39/02;6/03	24050	11	27,31,34,38,49/02	24482	2	24,49/02	26240	7	23/02
22172	8	48/02*;4,6/03	24053	15	31,37,38/02	24483	2	20,24,49/02	26245	16	51/02
22173	36	48/02*;6/03	24055	16	24/02	24484	3	24,49/02	26259	2	51/02
22180	2	30,34/02	24057	4	24/02	24490	3	24,31/02	26260	5	12,24/02
22181	16	17,27,39,41/02	24080	5	29/02	24491	3	31/02	26261	27	8/03
22182	6	7,8,30,34/02	24091	6	26/02;6/03	24492	20	31,46/02	26262	3	8/03
22183	3	20/02	24092	14	26/02;6/03	24501	3	14,17,27/02	26280	7	8,23/02
22190	2	30/02	24100	5	27,29/02	24502	6	46/02	26282	6	8/02
22205	2	14,16/02	24101	3	37,41/02	24504	7	17,41,45,46/02	26284	3	8/02
22221	20	20/02	24102	3	37,41/02	24508	2	18,19,41,45,46/02	26290	1	8/02
22222	1	4/03	24110	3	27,29/02	24509	2	17,45,45,46/02	26303	4	13/02**
22250	2	42/02	24130	14	24,29/02;5/03	24510	2	17,18,19,41,45,46,50/02	26305	4	13/02**
22259	4	20/02	24132	13	10/02	24512	3	25,29,44,46/02	26306	14	8/02
22264	2	20,42/02	24140	18	4,32/02	24513	18	46/02	26308	4	8,15/02
22275	3	20,42/02	24141	4	5/03	24517	2	18,19,46,49/02	26309	26	8,17/02
22282	17	19/02	24142	43	5,6/03	24518	7	19,12,17,19/02	26320	5	5,8,12,15,24,27,28,29, 35/02;7/03
22283	3	N19/02	24149	1	32/02	24520	5	9,12,17,19/02	26323	4	1/03
22290	4	20/02	24150	27	6,27,29,30,32/02	24524	23	11/02*	26327	2	N41/02/2*
22293	15	20/02	24151	4	29,32/02	24528	45	23,26/02	26328	2	15/02
22311	19	8/03	24152	2	30/02	24548	2	23,26/02	27005	4	5,8,9,12/02;6,8/03
22313	2	44/02;8/03	24153	6	10,30/02	24549	5	9,12/02	27041	4	50/02
22314	1	44/02	24154	12	10/02	24550	1	23,26,35,48/02	27080	4	5,20/02
22341	9	19,43/02	24156	2	22/02	24552	17	1,5/03	27081	6	49/02
22342	9	19/02	24159	1	27/02	24556	2	11,19,33/02	27082	6	9,18,49,51/02
22343	1	N19,N43/02	24160	21	6,27,28/02	24557	31	11,33/02	27100	2	31/02;8/03
22344	5	N42/02	24161	11	11,27,42/02;7/03	24558	5	21,42/02	27120	4	41,43,44/02
22345	11	42/02	24162	9	4,11,22,27,42/02;6,7/03	24559	2	17,19,24/02	27160	2	8/03
22347	5	N19/02	24164	6	10,27/02	24563	50	17,33/02	27161	4	8/03
22351	1	N43/02	24170	14	5,6/03	24565	7	33/02	27163	21	9,49/02;8/03
22361	2	N7/02	24171	19	5,6/03	24566	27	17/02	27183	8	5/02;1/03
22371	5	7/02	24172	4	5,6/03	24567	16	19/02	27186	8	5/02;1/03
22373	1	N50/02	24180	15	8/03	24570	3	19,31/02	28004	1	5,20,23,45/02;8/03
22375		N19/02	24200	14	6/02	24575	4	4,31/02	28006	1	8/03
22379	1	N50/02	24211	7	24/02	24580	47	24/02	28050	3	13,28,34/02
22381		N19,N43/02	24220	14	27,28/02	24581	34	10,17,19,20/02	28110	2	15/02*
22395	2	4,19,42/02	24222	3	27/02	24587	4	24,39/02	28150	3	8/03
22403	1	N45/02	24223	33	18/02	24588	21	10,17/02	28162	29	28/02
22404	15	46/02	24230	20	10,18,30/02	24590	5	30/02	28164	17	28/02
22406	1	N1/03	24233	15	36,43/02	24593	2	5,14,30/02	28170	1	4/02
						24597	2	28/02	28190	2	41,43,45,46/02
						24598	2	28/02	28196	4	41,43,45/02
						24599	4	45/02	28197	4	45/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
28202	22	41,44/02	36005	2	6,7,12,13,14,15,17,24,27, 28,34,36,38,45,46/02	37104	3	12,13,41/02	37362	6	12,17,31,43,48,51/02;1,2, 4/03
28210	2	33,35,39,41/02	36010	27	8,12,16,19,20,22,24, 38/02;5/03	37106	4	12,13/02	37363	8	11,48/02;4/03
28220	2	35,39/02	36015	2	13,17,24,27,36,46/02	37110	11	6,12,13,15,17,18,19,24, 27,28,29,47/02	37367	1	38,49/02
28221	18	33,37,39/02;5/03	36040	16	12,19,30/02;1/03	37112	1	47/02	37380	2	12,15,17,34,40,42,43,44, 48,51/02
28223	4	35,39/02	36046	5	38/02	37115	2	6,12,13,15,17,18,19,27, 28,29,33,47/02;7/03	37400	10	9,15,28,34,38,40,41,44, 46/02;6/03
28260	30	35,37/02	36060	17	8,12,16,19,31,38/02;5, 8/03	37119	2	43/02	37401	9	9,28,32,44/02;4,6/03
28263	3	35,37/02	36061	5	46/02	37120	2	12,13,15,19,24,27,29,39, 42,49,51/02;4,6/03	37402	7	28,32,41,42,44,50/02; 4/03
28265	3	37/02	36062	11	40*/46/02	37121	11	12,13,15,24,27,29,31/02	37403	23	12,24/02
28281	32	36/02	36081	16	12/02	37122	12	48/02	37420	1	9,12,34,43/02;1,7/03
28282	2	35/02	36098	6	5/03	37123	9	19,49/02;6/03	37441	4	9,12,15/02
28300	1	23,39,50/02	36106	7	18,47/02;5/03	37125	15	8,19,24,42,49/02;6/03	37443	2	9,12/02
28302	16	31,33,39,40/02	36117	6	18/02	37126	8	15,41/02	37445	1	12,48/02;1/03
28310	2	23,31,33,35,39/02	36118	3	5/03	37127	11	49/02;4,6/03	37446	2	1/03
28320	6	33/02	36120	9	16,19,20,22,31,46/02;5, 8/03	37129	6	39,42,49/02;4,6/03	37461	9	51/02;6/03
28321	36	29/02	36122	12	16,19,21/02	37133	4	44/02	37463	6	1/03
28325	2	27,29/02;5/03	36123	25	16,19,21,46/02	37134	5	38/02	37481	7	47,48/02;6,7/03
28330	2	27/02	36125	7	4/03	37136	6	38,46,50,51/02	37501	3	46,47/02;7,8/03
29015	5	2,22/02	36127	4	38/02	37137	6	46,48/02	37505	2	46/02;7/03
29121	5	32/02	36138	3	39/02;4/03	37139	8	18,23/02;1/03	37506	4	45,46,47,51/02;8/03
29122	5	32/02	36139	4	4/03	37140	33	15,17,19,21,22,24,27,29, 31,35,49,51/02;4,6/03	38030	1	9,10,20,21/02
29142	3	7/03	36140	12	13,21,22,24,36,41/02;	37141	29	20,21,23,36,40,48,51/02; 1,4/03	38040	5	12/02
35000	26	11,13,23,24,47,48/02	36141	7	4/03	37145	23	46,50/02;4/03	38041	1	12/02
35008	21	45,48,50/02;5/03	36142	6	24/02	37147	15	13,21,35,36,40/02;1/03	38044	N12/02	
35009	19	15,40,41,45/02;5/03	36143	4	18,34/02;5/03	37148	13	17,21,35,38/02;4/03	38103	N12/02	
35011	2	11,48/02;1/03	36144	4/03		37149	10	44/02	38105	N12/02	
35016	17	12,29/02	36145	7	4/03	37150	8	13,16,21,22,31/02	38460	7	18/02
35031	3	12,22/02	36146	4	18,34/02;5/03	37161	14	13,18,21,22,31,34,43/02; 1/03	38463	2	N18/02
35032	16	12/02	36147	5	4/03	37162	12	11,12,15,16,17,26/02	38480	6	18/02
35036	21	13,17,19,24,30,36/02	36148	10	13,20,24,34,44,45,47,	37163	19	11,13/02	38580	8	12/02
35040	18	21,45/02;4,8/03	36150	50/02;4/03		37164	4	15/02	38603	2	4,17,21/02
35041	8	21,35/02;4/03	36151	6	17,18,20,22,24,28,36,	37165	2	5,8,9,15,17,18,20,21,34, 36/02	38610	1	20/02
35042	9	21,27,44/02;4/03	36152	44/02		37166	2	8,11,12,15,16,17,26/02	38670	2	9/02
35044	9	38/02	36153	2	24,40/02	37170	11	38/02	38683	3	9/02
35047	5	13,35/02	36154	1	40/02	37175	2	5/03	38690	2	10/02
35050	14	18,22,40,41/02	36155	6	17,18,20,22,24,28,36,	37178	14	35,47,48/02	41060	3	34/02
35058	16	18,22,40/02	36156	44/02		37179	9	48,51/02	42160	3	7/03
35084	15	50/02	36157	2	24,40/02	37180	20	21,38/02	42620	5	12/02
35086	5	31/02	36158	23	13,17,20,21,22,36,40, 50/02;4/03	37182	14	35,47,48/02	42740	5	2,12,34,41/02;6/03
35088	2	50/02	36159	1	40/02	37183	9	48,51/02	42742	3	2/02;6,8/03
35099	3	41/02	36160	23	13,17,20,21,22,36,40, 50/02;4/03	37184	8	48/02;5/03	42760	5	2,12,02;8/03
35100	14	40,45/02;5/03	36161	10	13,20,36,40/02	37200	15	18/02	42762	3	N12/02
35101	6	41/02	36162	10	13,20,35,45,47,50/02;	37202	2	13,18/02	43030	24	11,25,28/02;2/03
35103	5	41/02	36163	13	20,31,34,35,38,44,45,47, 50/02;4/03	37205	2	39/02	43040	6	2/02
35120	13	40,45,47/02;5/03	36164	7	34,38,44,46/02;8/03	37221	13	5,8,9,11,12,15,16,17,18, 20,21,24,25,27,28,34, 36/02;6/03	43059	3	44/02
35130	3	48,51/02;5/03	36165	6	17,18,20,22,24,28,36,	37222	13	15,27,28/02	43060	4	44/02
35135	1	5/03	36166	2	24,40/02	37223	14	26,42/02	43082	5	41/02
35136	2	48,51/02	36167	1	47/02	37224	11	15/02	43101	3	46/02
35141	11	34/02	36168	23	13,17,20,21,22,36,40, 50/02;4/03	37226	17	5,9,11,15,16,17,19,20,21, 25,28,30,39/02;8/03	43104	4	46/02
35143	7	34/02	36169	2	40/02	37228	14	5,8,13,21,24,27,27;8/03	43106	6	44/02
35150	3	48/02	36170	2	47/02	37229	15	15,16,17/02;8/03	43141	5	52/02
35155	3	11/02	36171	2	47/02	37230	14	16,18,24,25,39/02	43142	4	52/02
35159	3	25/02	36172	2	8/03	37231	18	9,12,15,20,21,25,28, 30/02;6/03	43144	4	17/02;6/03
35163	7	25,44/02	36173	15	17,20,27,50/02	37232	12	12,15,16,21/02	43145	4	17/02
35166	4	35/02	36174	5	17,41,45/02	37234	13	9,12,15,20,20/02;7,8/03	43146	2	48/02
35167	3	35/02	36175	17	13,17,20,43/02	37235	11	15/02	43150	2	N17/02
35169	2	35/02	36176	16	14,45/02	37236	14	16,18,24,25,39/02	43160	6	17/02
35200	7	48,51/02;5/03	36177	11	45/02	37241	17	13,16,17,26/02	43161	2	17,41,44/02
35210	3	29/02	36178	18	21,31,43/02	37242	10	13,15,20/02	43163	3	44/02
35230	3	29/02	36179	6	14/02	37244	11	8,11,16,17,26/02	43164	3	17,48/02;6/03
35236	2	7,38,50/02	36180	9	18,26,42,46/02	37246	14	13,15/02	43182	4	47,52/02
35246	2	38,43/02	36180	3	13,17,21,31,46,50/02	37248	18	12,39/02	43223	4	41/02
35247	4	50/02	36181	15	36,38/02;5/03	37258	4	15/02;1/03	43225	4	17,52/02
35255	3	50/02	36182	21	7,16,21,28,36,50/02	37261	10	15,28/02;1,7/03	43240	4	50,51/02
35270	2	38,46/02	36183	8	17/02*	37262	20	1/03	43242	4	52/02
35276	3	46/02	36184	7	19/02*	37264	3	30/02/1/03	43243	4	50,51/02
35277	3	38,46/02	36185	3	7,21,31/02;5/03	37265	3	18,24/02;1,7/03	43263	7	44/02
35279	3	38/02	36186	8	38,50/02;4/03	37281	15	30/02/1/03	43265	2	44,52/02
35295	3	27/02	36187	7	38,40/02	37320	16	12,18,26,27,28,38,44/02	43270	2	44/02
35298	7	27/02	36188	9	14,17,24,27,30,33,34,38, 40,42,44,45,46,51/02;1,4, 7/03	37325	8	14,18,34,39,47/02	43280	5	44/02
35299	9	8,12/02	36189	12	21,28/02;4/03	37326	2	11,12,34,47,51/02	43281	6	20/02*
35300	17	12/02	36190	8	7,14,27,32,45,51/02/02;	37328	2	12,18,42,44/02	43284	4	16,51/02
35301	6	12/02	36190	9	13,28,44,50/02	37330	2	22,24,26,30,32,34,38,40, 46/02	43285	5	15,16,44/02
35303	7	40/02	36193	8	20,22/02	37342	3	17,32/02;2/03	43300	5	15,44,47,50/02
35308	5	8,12/02	36194	9	20,22,38,40,43/02	37343	10	11,45/02	43301	4	15,45,50/02
35310	2	12,22/02	36195	8	38,40/02	37344	11	17,32,34/02	43302	4	44,47,50/02
35330	2	4,12,22,38,41/02	36196	8	38,50/02;4/03	37360	15	15,17,27,28,30,32,34,38,40, 43/02;2/03	43303	4	41,47,50,51/02
35350	2	7,38,41/02	36197	7	38,40/02				43304	2	44,47,50/02
35359	2	12/02	36198	9	5/03				43321	6	30,41,47,02
35400	11	8,12,30/02	36199	12	21,28/02;4/03				43323	4	30/02
35402	3	38/02	37090	8	7,14,27,32,45,51/02;1,4, 7/03			</			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
43324	4	30/02	44207	1	4,5/03	51380	5	47/02	53165	13	39/02;8/03
43341	7	41/02	44220	5	46/02;4,5/03	51559	3	41/02	53180	10	2,33,34,43,51/02;1,3,6, 7/03
43345	4	1/03	44223	1	6/03	52031	1	6/03	53181	4	2,34/02;1/03
43360	21	17,28/02;6/03	44224	1	49/02;5/03	52039	4	5*,7,8/03	53182	4	36/02
43363	5	45/02	44240	8	49,50/02;4,7/03	52040	17	43,50/02	53183	13	19*,35/02
43364	5	45,46/02	44243	2	25/02;5/03	52043	21	46/02;6,7/03	53184	5	32,35/02;1,6/03
43371	13	22/02	44260	7	29/02;2,5,6/03	52045	6	36/02	53200	6	2,3,33,36,43/02;5,6,7/03
43372	4	22/02	44280	9	29,34,49,50/02;2,6/03	52046	21	50/02;6,7/03	53201	6	51/02
43373	8	45/02	44281	2	49/02	52047	11	7,8/03	53203	11	3/02;5/03
43374	1	22/02	44282	1	49,50/02	52048	3	8/03	53204	10	3,44/02;5/03
43375	7	46/02;6,7/03	44283	2	50/02;8/03	52051	1	43/02	53205	3	5/03
43384	1	48/02;4,5,6,7/03	44284	2	41/02;6/03	52052	1	43/02	53206	6	17/02;5/03
43385	1	5,27,45,48/02;5/03	44285	1	2/03	52060	16	43,50,51/02;7/03	53220	6	2,36,43,51/02;5/03
44001	2	48,49/02;1,6,7,8/03	44286	1	2/03	52061	2	45,48,51/02;7/03	53223	5	29/02
44015	8	28,31,48,49/02;6,7,8/03	44310	5	20,29,41,42/02;7/03	52062	7	7/03	53226	3	3/03*
44030	7	20,46/02;4,8/03	44313	1	27,41,47/02	52066	3	50/02	53242	12	2,52/02;1/03
44036	5	28/02	44319	2	21,41,42/02;4,6/03	52080	14	50,51/02;4,7/03	53244	2	2/02;1/03
44038	5	18/02	44320	4	13,23,29/02;6,8/03	52082	3	45,46,48/02	53262	7	22,42/02
44040	23	28,44/02;6/03	44321	6	13,19,22,23,29,32,40/02; 6,8/03	52083	2	45,46,51/02;1/03	53263	1	37/02
44041	7	48/02;1/03	44340	11	13,16,20,21,37/02;4,6, 8/03	52085	3	50,51/02;4/03	53265	6	19,35,41,46,52/02
44042	7	21,44,45,49/02;4,7/03	44341	7	13,25,37,41/02;7/03	52086	2	45,50,51/02;1,4/03	53266	4	1,8/03
44043	8	44/02;1,6/03	44342	8	6,13,37,41/02;6/03	52087	1	51/02	53268	4	22,42/02;7/03
44044	6	6/03	44352	2	4,6,7,8/03	52088	2	45/02;4/03	53269	5	19/02
44046	10	18/02	44360	9	8,16,20,21,34,37,41, 42/02;4/03	52092	1	46,51/02	53279	3	9/02;7/03
44047	22	8,26,44/02	44361	6	21,27/02;4/03	52120	12	32,51/02;6/03	53281	4	31,40,52/02
44048	11	8/02;5/03	44365	1	7,8/03	52121	8	45,46/02;1,6,8/03	53282	8	40/02
44049	9	18,44,46,50/02;8/03	44400	4	48/02;4,6,7,8/03	52122	14	45/02	53283	4	33,52/02
44050	21	8,18/02	44401	7	13/02*	52124	1	51/02	53284	4	33,40/02;7/03
44051	1	44,48,50/02;1/03	44406	8	13,21,25/02	52125	1	45,46/02;8/03	53285	4	35/02;7/03
44057	5	8,13,21,25/02	44436	2	15,16,18,20,22,25,26,29, 35,37,40/02;6/03	52140	6	48,50/02;3/03	53287	6	20,27,35,42/02;1,5,7, 8/03
44061	21	8,18,21/02	44440	4	48/02;4,6,7,8/03	52141	5	48/02	53290	1	35/02
44062	8	8/02	44441	7	13/02*	52144	5	50/02;3,7,8/03	53301	4	27/02
44063	8	13,21/02	44440	4	48/02;4,6,7,8/03	52161	14	6/03	53302	4	51/02
44064	19	8/02	44441	7	13/02*	52170	3	3/02	53303	6	49,51/02
44065	7	5,11,15,16,20,25,30, 42/02	44442	6	5,36,49/02;8/03	52172	2	3,11,40/02;1/03	53306	2	21,39/02
44066	10	16,20,27,39/02	44443	2	4,6,16,17,28/02;6/03	52180	14	2,21,24,42,43,51/02;1, 8/03	53311	3	39/02
44067	22	5,8,11,16,21,25,29/02	44444	6	31/02	52186	3	3/02	54040	3	37/02;6/03
44068	11	11,13,17,18,20,24,26, 44/02	44461	10	4,6,8,12,16,17,19,28/02; 6/03	52200	8	7/03	54041	7	18,35/02;4,8/03
44069	16	5,9,11,13,16,18,20,21,24, 29,31/02	44462	4	4,6,8,19/02	52262	6	7/02	54043	2	15,17,18,29/02
44070	7	9/02	44463	9	4/02	53011	2	51/02	54060	5	18,37/02
44071	4	9/02	44465	2	4,6,8,12,16,17,19,28/02; 6/03	53031	1	12,13,17,18,19,21,22,27, 28,30,39,48/02;5/03	54061	11	52/02
44072	4	5,21/02	44481	2	6,26,28,31/02	53058	2	4/03	54063	3	1/03
44073	2	5,21/02	51002	7	13/02*	53060	14	12,14,15,17,18,19,21,22, 27,28,30,32,51/02;4,5/03	54080	5	8/02**
44075	4	5,9,11,16,17,21,29,31, 42/02	51007	22	38/02;7/03	53061	10	14,19,28,30,44,47/02	54081	3	13/02
44076	3	18,25/02	51013	4	38/02;7/03	53062	13	1/03	54083	4	19/02
44081	9	8,15,16,17,20,24,25, 39/02	51017	31	37/02	53063	8	14,19,28,44,47/02;4/03	54085	2	18,19,40/02
44082	11	6,11,15,16,17,18,21,24, 25/02	51022	11	37/02	53064	6	33/02	54090	3	46/02*
44083	8	10,15,21/02	51061	14	1,7/03	53065	2	33/02	54095	3	46/02*;8/03
44084	1	6/02;6/03	51064	2	52/02;1/03	53066	2	12,33/02	54100	4	8/02**
44085	2	21,25/02	51081	10	5,6/03	53081	8	15,21,30/02;4,5/03	54105	3	46/02*;8/03
44100	7	11,13,15,16,17,18,24,25, 26,44/02;2/03	51082	7	5,7/03	53082	13	40/02	54115	3	46/02*
44105	2	49/02;5,6,8/03	51100	7	1,6,7,8/03	53083	8	18,19/02	54120	5	15,16,17,18,19,20,37,39, 41/02
44120	7	6,11,15,16,17,18,21,26, 27,28,29,31/02;2/03	51103	10	29*,33,45/02	53084	6	17,18,24,51/02	54125	3	46/02*
44140	8	4,6,16,26,27,28,29,31, 50/02;1,6/03	51104	1	29*,33,45/02	53085	6	17,24,51/02	54140	7	15,16,17,18,41,42/02
44160	7	46/02;1,4,5,6/03	51112	2	6/03	53086	8	20,46,48/02	54151	1	7,14,15/02;3/03
44161	2	29,50/02;1,2,6/03	51143	4	14/02*;6/03	53087	9	48/02	54160	14	8/02**
44162	1	50/02;1/03	51144	3	14*,52/02;1/03	53088	7	33/02	54161	12	16,17,19/02
44163	1	48/02	51145	2	42/02	53090	1	41/02	54165	2	33,37/02
44164	1	46,48/02;1/03	51146	3	42/52/02;5/03	53093	2	20/02	54167	2	17,19/02
44165	1	46/02;1,5,6/03	51150	1	50,51/02;1/03	53100	16	13,18,19,21,24,28,33,39, 42,51/02;6/03	54168	1	37/02
44178	2	21/02;2,5,7/03	51154	3	50,51/02	53101	7	33/02;8/03	54169	3	8,16,37/02
44180	6	18,20,24,29,34,45,46/02; 1,2,5,7,8/03	51155	1	50,51/02;1/03	53104	2	20,35,42/02	54180	6	7,8,10,19,41,43,50/02; 5/03
44181	5	5/03	51158	2	6/03	53105	20	37/02;8/03	54195	2	11/02;5/03
44182	4	21,48,49/02;1,2/03	51159	3	47/02	53106	6	19*,20,24/02	54200	4	7,8,10,11,13,21/02;5, 8/03
44183	6	48/02;1,6,8/03	51160	20	48,50,51/02;1,4,5,6,7/03	53107	16	35/02;6/03	54201	6	13,21/02;8/03
44184	9	21,45,49/02;2/03	51161	18	38,45,46,50/02;2,4,8/03	53110	1	29,40/02	54220	5	7,10,13/02
44185	7	45,49/02;1,2/03	51165	8	25,45,50/02;2,4,8/03	53111	3	31,44/02*	54222	4	21,43/02
44186	2	21,45,46,48/02;1,2,5, 8/03	51166	3	N25,N45/02	53120	14	13,18,20,21,27,28,39, 42/02;5,6,7/03	54223	2	13,21/02;8/03
44187	2	21/02;5,6/03	51167	6	45,50/02;2,4,8/03	53122	3	20,29,40,42/02;7,8/03	54224	2	13,21/02;8/03
44192	1	21,29,46,48/02;1/03	51168	2	45,46,50/02;2,4,8/03	53123	3	7/03	54225	2	21/02
44193	1	26/02;1,7/03	51220	8	33/02	53125	2	46,51/02	54226	2	7,50/02
44200	9	20,24,29,34,52/02;4/03	51222	6	51/02	53130	1	27,42,47/02	54227	2	7,50/02
44203	1	20,24,33,48/02;2,5/03	51225	3	27/02	53133	3	6*,41,46/02	54240	11	8/02**
44204	1	5,48,52/02;2,4,5,7/03	51240	2	33/02	53135	2	20,51/02;7/03	54260	3	8/02**
44205	2	48,52/02;2,5,7/03	51260	4	37,50/02	53136	1	20,51/02;3,6/03	54279	4	50/02*;2/03
44206	1	46/02;4,5/03	51261	23	5,6/03	53141	5	20,24,34,51,52/02	54280	10	11,14,15,20/02;5/03
44207	1	21,29,46,48/02;1/03	51263	23	49/02	53147	3	36,39,42,51/02;6,7/03	54281	6	20/02
44208	6	1,20,24,29,34,45,46/02; 1,2,5,7,8/03	51300	4	27/02	53149	2	31/02	54282	1	51/02
44209	1	20,24,33,48/02;2,5/03	51320	3	1						

SECTION I

NM 8/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
54288	5	9/02;1/03	55110	2	4,7,23,24,29,37/02;6/03	61433	1	14/02;7/03	62413	11	33/02
54289	8	7,9,19/02;1/03	55120	2	36/02;6/03	61434	2	14/02;7/03	62417	1	52/02
54300	12	8,11,13,14,31/02	55128	2	4,5,6,9,26,33,36,38/02;1, 4,5,8/03	61440	2	15/02	62419	6	33/02;8/03
54302	1	8,11,13,14,31/02	55129	7	6,9,33,36,37/02;6/03	61450	2	14,17,27/02	62420	5	33,37,39/02;8/03
54303	4	8/02	55130	2	13,27,45/02;5/03	61470	2	15/02	62429	9	17,27,39,43/02
54314	2	13/02	55131	1	27,36,45/02;6/03	61472	1	15,20/02	62431	8	26*,27,37/02
54318	3	5,19/02;1/03	55133	3	5/03	61500	2	17/02	62432	15	4,25,31,34/02;2/03
54320	4	7,13,20,48/02;1/03	55139	5	41/02	61510	2	15/02	62433	12	15,30,31,34,45/02;1/03
54322	7	5,13,19,20/02;1/03	55140	2	1,5/03	61520	2	15/02	62434	9	12*,40,46,52/02;8/03
54324	8	19/02	55150	2	4,6,7,24,28,29,37/02	61522	1	15/02	62437	9	32,46/02
54327	4	20,31/02	55160	2	6,18,24,28,29,42/02	61538	1	15/02	62439	4	1/03
54329	4	5/02;5/03	55161	1	7,29/02	61540	2	15,20/02	62440	7	5,15,17,20,49/02;6/03
54330	2	5/02	55170	2	9,12,18,29,31,36,41/02	61541	8	4/02	62441	10	16,36/02
54333	3	5/02	55175	1	24,28/02	61542	6	4/02	62448	2	2,23/02
54334	3	7/02;5/03	55180	2	9,33/02;1/03	61550	2	17/02	62449	4	15/02
54337	3	19,31/02	55190	2	6/03	61560	2	15/02;7/03	62451	7	2,21,23/02
54339	8	7,17,31/02	55200	2	12,27/02;8/03	61562	2	6/03	62453	3	25,33/02
54340	8	19,48,51/02;3,4/03	56031	1	1,2/03	61581	5	14,18/02	62455	7	17,27,39,43/02
54343	10	14,19,48/02;4,5/03	56042	6	22/02	61582	4	14,18/02	62456	1	27/02
54344	6	14,19,48/02	56043	6	22/02	61591	4	8/02	62457	5	5,6,17,20,21,24,36,49/02
54346	8	14,19/02	56044	3	22,38/02	61592	4	8/02	62459	2	6/03
54347	4	51/02	56060	8	33/02	61610	7	28,29/02	62460	4	6,24,31,33/02
54350	4	51/02	56063	1	2,14,21/02	61611	11	28/02	62464	2	15*,31,49,50/02;4/03
54351	7	52/02	56064	6	14,38/02;2/03	61612	4	28/02	62480	1	13,15,18,23,30,31,33,37, 43/02;6,8/03
54352	3	52/02;1,3/03	56065	3	33,38/02	61650	3	17/02	62490	1	2,4,12,16,18,25,29,31,32, 33,43,50,52/02;8/03
54360	12	15,19,20,52/02	56067	3	48/02*	62000	20	18,46/02	62498	4	12*,23,25,27,31/02;4/03
54362	3	52/02	56081	19	41/02	62001	4	2,36/02;1/03	62499	4	15*,25,27,31,49,50/02; 4/03
54363	3	15,19,20/02	56083	2	7,31/02	62024	13	13,14,38,40/02	62510	2	6,23,31,33,34/02
54364	2	52/02	56100	13	41,49,50/02;1/03	62028	15	5,8,12,18/02	62512	2	N6,N23,N31,N33, N34/02
54365	6	15,19,36/02	56101	6	33/02;1/03	62032	15	13,16,18,23,29,32,33,43, 50,52/02;8/03	62515	2	14,26,45/02
54366	3	15/02	56102	23	1/03	62033	2	N13,N16,N18,N23,N29, N32,N33,N43,N50, N52/02;N8/03	62520	5	5,6,7,13,15,17,20,30,31, 37,43,49/02
54367	3	15/02	56103	6	18,30/02;1/03	62040	5	13/02	62521	3	N5,N6,N7,N13,N15, N17,N20,N30,N31,N37, N43,N49/02
54368	4	20/02	56104	2	41,49,50/02	62046	2	13,39/02	62530	5	7,31,33,43/02;8/03
54369	4	13,15,52/02	56120	12	1/03	62050	6	18,44/02	62531	3	N7,N31,N33,N43/02; N8/03
54372	2	20/02	56191	2	18/02	62090	7	2/02	62540	6	17*,18,21,23,25,26,29, 31,32,34,40,45,48,50, 52/02;8/03
54380	6	5,19,26,42/02;3/03	56195	3	22/02*	62093	7	2,16,41,49/02	62541	3	N17*,N18,N21,N23, N25,N26,N29,N31,N32, N34,N40,N45,N48,N50, N52/02;N8/03
54382	9	26/02	57063	5	40,41/02	62095	2	2,3,16,41,49/02	62550	2	7,13,30,43/02
54386	10	7,42/02	57064	3	41/02	62110	9	2,4/02	62560	3	2,21,23,25,29,52/02
54387	7	6,23,42/02	57101	18	41/02	62120	6	11/02	62570	4	17*,21,23,25,26,31,32, 33,34,36,40,45,48/02; 8/03
54389	8	6,43,52/02	57102	13	43/02	62121	9	11/02	62580	3	2,4,14,23,26,32,33,45/02
54400	8	5,7,20,32,43/02;3/03	57103	10	43/02	62140	1	34,40/02	62590	2	4,9,12,16,28,29,36,40,46, 48/02;8/03
54402	4	52/02	57140	10	43/02	62142	10	24,28/02	62591	3	N4,N9,N12,N16,N28, N29,N36,N46,N48/02; N8/03
54403	4	6,22,43,52/02	57141	14	43/02	62143	3	24,28/02	63000	13	5,12,27,28,48/02
54404	4	19/02	57142	6	43/02	62144	3	24/02	63005	18	4,15,25,31/02
54407	4	32,43/02;3,7/03	57160	10	43/02	62170	2	38/02	63010	14	26,29,31,52/02
54409	2	23,32/02;7,8/03	57161	4	31/02	62171	4	38,47/02	63015	11	31,38,40,52/02
54413	3	31/02	57162	7	43/02	62191	14	22,29,41/02;1/03	63020	15	27,31/02;4/03
54416	5	7/02	57164	2	43/02	62193	17	17*,19,31/02	63040	2	12*,46/02
54418	4	32,43/02;3,7/03	57165	1	43/02	62194	8	17*,18,19,31,36/02;4/03	63050	2	5,12,17,46/02
54419	2	3/03	57170	1	43/02	62205	6	22,36,41/02;1/03	63053	4	12*,14/02
54421	6	6,7,28,47/02	57381	12	52/02	62220	8	8/02	63054	3	19*,31/02
54422	4	19,02*	61015	8	17/02	62225	3	17*,37/02	63055	2	5,14,29/02
54423	5	48/02*	61018	4	18,24/02	62242	11	47/02	63060	7	5,12,25,28,32/02
54430	1	26,28,37,43/02	61020	2	17,28/02	62250	4	34,38/02	63062	7	5,18,28,29/02;7/03
54440	4	7,30,41/02	61021	3	18/02	62271	5	37,41/02	63063	9	5,27,29/02
54441	6	30,42/02;2/03	61036	8	8,27/02;7/03	62285	2	26/02	63065	6	18/02
54443	5	14/02	61110	3	12,28/02	62290	3	2,11,26,37,41/02	63070	3	20,27,28,29/02
54464	5	7/02	61111	12	12/02	62292	2	24/02	63070	14	26,29,31,52/02
54480	8	22,30,36,41/02;2/03	61112	10	14,17/02	62295	3	2/02	63070	15	27,31/02;4/03
54481	8	22,30,36/02	61120	4	12,28/02	62302	2	4/03	63080	5	26,27,28,31,48/02
55001	4	6,18,29,36,37,42/02	61130	3	12,28/02	62310	2	6,27/02	63090	8	25,31/02
55040	4	13,15,18,23,27,28,31,32, 39,41/02	61140	5	12,27/02	62313	4	17*,27/02	63091	4	26,27,32,39,48,52/02
55041	7	15,22,32/02	61142	6	38/02;7/03	62320	2	4/03	63100	2	4,15,44/02
55042	1	18,21,27,28,42/02	61150	4	12/02	62329	7	14*,18/02	63101	15	14,17,19/02
55043	2	21,23,27,28,37,39,42/02	61160	3	12/02	62332	7	14*,37,50/02	63102	19	14,17,19,26/02
55044	5	22,23,41,43/02	61170	5	13,27/02	62336	3	38,40/02;2/03	63103	17	14,17,26,29/02
55045	2	18,21,23,41/02	61171	10	13/02	62340	9	2,5,6,15,17,20,49/02	63110	4	40/02
55046	4	4,21,22,23,26,27,30,31, 37,38,39,41,48/02	61172	6	13/02	62343	3	8/03	63111	9	17,25,48/02
55047	8	22,23,26,27/02	61180	4	20,27/02	62355	6	8/03	63120	2	44,48,52/02;8/03
55048	12	6,23,27,32,36,37,39,41, 48/02	61182	2	13/02	62360	5	18,38/02	63121	5	48/02;5,8/03
55049	6	22,27,30,41,43/02	61190	4	39,41/02	62361	2	N18,N38/02	63150	1	14,15,25,31/02
55060	7	19,20,36,37/02	61200	7	17,21/02	62366	3	38,40/02;2/03	63065	6	18/02
55063	1	6/03	61210	6	17/02	62392	7	14*,18/02	63070	3	20,27,28,29/02
55064	3	4,23,37,48/02;6/03	61220	5	17/02	62393	7	34,37,50/02	63080	5	26,27,28,31,48/02
55082	9	5/03	61240	4	18/02	62394	10	34,37,50/02	63090	8	25,31/02
55084	7	39/02	61300	2	7/03	62395	2	34,50/02	63100	2	4,15,44/02
55085	9	13/02;5/03	61310	2	33/02;7/03	62400	17	23,24,33/02;4/03	63101	15	14,17,19/02
55100	8	29,36,37/02;6/03	61311	5	17,33/02	62401	9	11/02;6/03	63102	19	14,17,19,26/02
55101	4	7/03	61312	3	17,33/02	62402	9	2,5,6,15,17,20,49/02	63103	17	14,17,26,29/02
55102	3	24,02;4,5/03	61313	4	7/03	62404	3	6/03	63110	4	40/02
55103	2	9,12,24,29,48/02;1,4,5, 7/03	61400	2	2						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
63200	5	52/02	71330	13	35/02;5/03	74005	2	9,13,18,19,31,34,35,46, 47,51/02;4,7/03	74293	7	25,34,45,48/02
63201	9	40/02	71331	11	5,7,8/03	74006	2	26,31/02	74294	3	25,34,45/02
63210	3	45,52/02	71333	2	6,7/03	74007	1	36/02	74295	3	18,22/02;4/03
63220	5	26,45,52/02	71335	2	8/03	74008	6	9,15,51/02	74296	4	27,34,38,49/02
63230	6	17*,45/02	71340	11	18,19,22,40,46/02;2,4,5, 6,7/03	74009	10	3,9,20,22,25,38,49/02; 8/03	74310	2	9/02
63231	8	31,45/02	71343	3	7/03	74012	10	17,20,22,26,37,40,49/02; 6,8/03	74320	3	35/02;8/03
63233	15	31/02	71348	3	18,35/02;7/03	74015	10	20,40/02	74330	3	15/02
63250	6	14*,29,40/02	71350	8	15,18,20/02;5,6,7/03	74017	4	3,12,17,18,37,45/02	74340	3	15,27/02
63271	8	19,52/02;8/03	71400	5	11/02	74018	6	44/02	74350	4	25/02
63290	7	19,31,32,38/02	71401	1	40,46,51/02;5/03	74020	4	16,17,33,37,38,43/02; 5/03	74376	5	43/02
63291	9	19,33/02	71402	1	18,40,46/02;4,5,6/03	74021	7	10,13,14,20,33,35,39, 44/02;7/03	74380	4	2,3,9,22,32/02;8/03
63320	8	30/02	71410	1	11,39/02	74024	7	31,44/02	74391	3	15/02
63321	6	30,42/02	71420	1	38,39/02;3/03	74027	9	43,44/02	74392	7	16,22,25,39/02
63322	2	30/02	71430	2	18,41/02	74030	6	10,28,51/02	74393	9	12,16,18,19,25,28,31,38, 41,50/02;3/03
63324	1	6/02	71440	1	7,24,34,38,49,52/02	74032	2	3,12,18,19,28,31,41,49, 50/02;3/03			
63330	9	27,39/02;4/03	71445	1	7/03	74041	9	16,20,25,38/02;7/03			
63337	15	27,31,39/02;4/03	71450	1	22,25/02;7/03	74042	6	10,28,51/02			
63400	1	39/02;8/03	71460	1	15,20,25,41/02	74045	1	6/02			
63410	6	39/02;8/03	71465	1	20/02	74053	2	10,28,51/02			
63413	5	39/02	71470	2	15,38/02	74054	2	28/02			
63417	2	39/02	72000	8	4,31,32,35,47,50/02;2/03	74071	4	12/02			
63420	2	39,45/02;8/03	72007	10	6,30,36,38,47,51/02;2,5, 7/03	74151	9	4,10,20,24,27,36,44/02; 2/03			
63424	2	45/02	72014	10	12,46/02;7/03	74152	11	14,36,44/02			
71005	1	7,9,34/02;2,6/03	72021	8	31,36,38,47,50,51/02; 7/03	74153	2	4,14,36,44/02;2/03			
71006	5	8,39/02	72028	7	4,5,15,31,34/02	74162	4	10,36,46,47/02;8/03			
71009	3	9,39,46,48/02;1,6,7/03	72035	8	16,31/02;8/03	74171	4	33,36,47/02;3/03			
71012	3	19,33,39,46/02;1/03	72040	3	11/02	74172	5	2,36,47/02;7/03			
71018	10	2,5,9,10,15,33,35,37/02; 7/03	72045	2	16/02;8/03	74181	8	2,11,13,23,28,33,35,37, 38,39,47/02			
71027	9	7,15,19,20,22,24,25,34, 38,45,49/02;2,4,5/03	72060	8	32,50/02	74182	12	3,5,11,13,23,24,25,26,28, 33,35,37,38,39,41,42,44, 51/02;6/03			
71033	31	7,15,23,37,38,49/02;3/03	72070	4	8,11,32/02;2/03	74183	11	11,38,39,42/02;4,6/03			
71036	8	9,11,35,44/02	72075	2	8,20/02	74184	10	10,13,23,24,28,33,35,37, 38,46,48/02			
71040	5	27,34,42/02;7/03	72080	7	8,20,51/02;2/03	74186	7	11,18,34/02;4/03			
71042	1	34/02	72085	2	6,8,30,47,51/02;2/03	74190	7	2,13,22,23,26,35,36,37, 46/02;1/03			
71043	2	25/02*	72094	2	29,38/02;7/03	74191	2	19,22,24,26,35,46,48/02; 1,7/03			
71044	1	27/02	72100	7	29/02;7/03	74192	3	5,24,26,28,35,46/02;1/03			
71058	2	23,36/02	72103	2	29/02;4,6,7/03	74200	8	5,14,18,21,27,28,37, 46/02;1,8/03			
71059	1	23,36/02	72105	2	36,38/02;7/03	74201	9	27/02			
71061	15	23,36/02	72107	2	12,15,27,29/02;7/03	74202	3	14,16,21,24/02;1,7/03			
71066	1	39/02;6,7/03	72109	3	42,44/02	74204	5	13,14,21,24,27,37/02;1,7, 8/03			
71071	5	15/02	72110	9	12,15/02	74205	2	16,24,25/02			
71081	3	16/02	72130	4	13,46/02	74206	2	8,24,34/02			
71091	4	1,2/03	72131	3	13/02	74210	7	12,25/02;7/03			
71140	6	33,39,46/02;1/03	72161	10	15/02	74220	8	6,11,13,17,23,25,26,35, 47,51/02			
71180	29	2,8,10,33,37/02;7/03	72173	2	12,15/02	74221	2	11,13,35,51/02			
71183	13	32/02	72181	2	36/02;7/03	74229	2	5,6,11,17,22,23,33,37,43, 47/02			
71185	24	5,8,13/02;7/03	72190	2	6,30/02	74230	7	11,13,28,39,42/02;5,7/03			
71186	2	5,8,13/02;7/03	72201	5	9,02/8/03	74231	7	5,6,19,23,35/02;3/03			
71210	18	44/02;3/03	72203	2	16/02	74232	9	2,9,15/02;5,7/03			
71211	4	38/02	72211	6	43/02;5,8/03	74234	1	2/02;8/03			
71212	1	18,38/02	72231	8	31/02	74240	8	4,9,15,34,39,42/02;4,5,7, 8/03			
71223	8	17/02	73000	9	26,40,52/02	74251	8	4,15,17,23,25,26,31,32, 34,37,42,44,46,51/02; 6/03			
71230	11	23,38/02;6/03	73002	4	4,6,8,18,24,30/02;5/03	74252	9	19,47/02;5,7/03			
71239	3	4/02	73004	4	4,26/02	74253	6	4,11,15,17,19,23,25,27, 32,47/02;8/03			
71241	10	18/02;6/03	73006	2	26/02	74261	9	15,25,41,49/02;4/03			
71243	4	33/02	73008	8	8,16/02	74265	2	4,11,15,17,18,19,25,31, 38,41,43,47,49/02;7/03			
71247	18	20,21/02;5,6,8/03	73010	3	13/02	74270	3	9,18,19,26,31,38/02;7/03			
71248	2	N51/02*:N1/03	73012	5	9,10,42,48,52/02	74271	9	9,19,28,38,46/02			
71249	2	35/02	73014	10	48,52/02	74272	7	26,32/02;4/03			
71251	11	20,35,40,42/02;1/03	73016	4	15,44/02	74273	5	18,19,31,38,41,43/02;			
71253	10	14,21,35,40,42/02;5,6, 7/03	73018	3	13/02	74281	7	3/03			
71255	5	9/02;6/03	73020	9	3,25/02	74283	2	46,49/02			
71257	2	4,8,9,15,18,21,23,28/02; 5,6,7/03	73024	3	39/02	74285	2	31,34,35,45/02;1/03			
71258	2	4,9,15,18,20,21,28,35/02; 5,6,7/03	73030	4	4,20/02	74286	2	15,22,24/02			
71259	2	18,20,21,33/02;1,7/03	73032	4	4,25/02	74287	2	27,34,38,52/02			
71261	8	2,13,35/02;2/03	73041	2	18/02;5/03	74290	11	13,25,34,39,45,46,48,49, 51/02;1,7/03			
71262	7	6/03	73141	5	13/02	74292	8	12,13,18,35,37,39,47/02			
71265	3	46*,49/02;7/03	73552	4	9,25,34,45/02;1,7/03						
71271	10	23,25,30,34,52/02	73570	7	34,45/02;1/03						
71272	10	23,30,34/02	73580	4	52/02						
71273	2	14/02	73581	4	16,52/02;3/03						
71275	3	13,23,35/02;2,6/03	73590	6	16,31,47,52/02						
71281	7	51/02	73601	3	12,15,17,24,26,31,34,35, 47/02						
71285	3	2,7,23,25,30,34,52/02									
71295	2	25,26,30,34,39,40,52/02	73610	4	26,31/02						
71305	2	9,14,31,34,36/02;2/03	73631	4	36,46/02;1/03						
71311	4	7/03	73640	5	23,36/02						
71313	8	45/02	74000	6	10,12,24,36,47/02;2,7/03						
71314	5	6/03	74002	2	2,13,14,18,25,27,28,35, 47/02						
71315	2	14,27,31,34/02	74003	5	2,22,25,28,47/02;7/03						
71320	1	35/02;5/03	74004	2	12,13,18,35,37,39,47/02						
71325	8	5/03									

SECTION I

NM 8/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
75172	5	39/02	83010	6	6/03	93048	1	35,49/02;5/03	94220	4	22,26,41,42,47,49/02;8/03
75173	9	8,10,12,14,17,20,25,31, 32,33,36/02;1,6/03	83020	8	7/02	93049	1	45/02;4/03	94260	5	49/02;1,6/03
75175	9	5,16,18,31,33,38,40,45, 50/02;6/03	83021	1	25,27,43/02	93061	4	45/02	94280	5	51/02
75176	9	5,7,14,17,27,42,50/02	83023	4	25,27,43/02	93101	2	N24,N34,N38/02;N2/03	94281	6	6/03
75177	7	5,12,18,27,38,48,50, 52/02;6/03	83032	1	18/02	93113	2	19/02	94282	9	46/02;8/03
75180	2	3/02;8/03	83034	1	12/02	93115	2	40,41/02	94283	7	46/02;2,8/03
75185	2	22,47/02;8/03	83039	11	9,12,41/02;6/03	93117	2	19,40,41/02	94290	2	1,7/03
75190	2	11,23,47/02	83251	2	2/03	93160	4	15*,27,34/02;1/03	94322	14	8/03
75191	6	3,22,25,37,38,43,47/02; 8/03	83252	8	18/02;2/03	93180	7	27,34/02	94360	6	18,32,43/02;6/03
75193	6	22,49/02;1,5,7/03	83253	2	18/02	93200	4	9,26,27/02	94361	13	18,32/02
75207	2	36,52/02;4/03	83382	9	20,25,27/02	93220	6	17,27,34/02	94363	4	32,43/02
75208	2	14,26,50/02	83393	2	N31/02	93240	11	17,34/02	94380	4	N5,N6/03
75213	2	36,52/02	83397	6	8,18/02;1/03	93260	8	27,31/02;7/03	94384	3	5/03
75215	2	36,39,40,52/02;7/03	83425	6	3,20,35/02	93261	5	31/02;7/03	94420	3	5,39/02;4,8/03
75220	12	10,14,36,39,49/02;4/03	83500	1	9,12/02	93360	5	38/02	94421	10	15,45/02;4/03
75222	8	18,22,35,40/02	83560	3	9/02	93385	6	6,18/02	94423	12	19,45/02
75240	4	14,36,39/02;2,4/03	83570	2	5,24/02	93404	6	6/02	94427	2	N32/02
75241	6	34,36/02	83572	1	24/02	93420	4	18/02	94440	2	46/02
75251	5	23,33,48/02;3/03	83574	2	5/02;7/03	93440	4	18/02	95016	8	9,12,40/02
75261	6	13,17,21,23,24,33,36, 48/02;3,6/03	83580	2	12,24/02;8/03	93460	7	6/02	95040	8	4,40/02
75262	6	12,38/02	91005	6	7,10,11,45/02	93520	13	45/02	95060	13	4,10,14,15,16,40,43,44, 47,48,52/02;1,6/03
75263	9	17,32/02;5/03	91010	6	29,48/02	93610	3	44,45/02;6/03	95065	5	4,14,48/02
75264	17	16,17,19,33,34,37,41,42, 44,45/02;2/03	91020	5	10,19,21,22/02	93650	2	19,44/02;6/03	95066	11	4,10,13,14,15,16,18,19, 20,41,43,44,47,48,49, 50/02;1,5,6/03
75265	2	13,17,20,21,24/02;6/03	91025	8	7,10,21,22/02	93680	3	45,47/02	95067	13	18,41,44,46/02;1,5/03
76015	1	3,4,18,23,24,29,35,40/02	91030	3	7,10,11,21/02	93690	2	44/02;6/03	95068	1	41,42,45,47/02
76020	7	8,18/02	91040	1	10,11/02	93698	3	45/02	95080	13	8,10,13,16,18,25,27,30, 33,40,44,45,50,52/02;1,6, 7/03
76030	9	9,12,12,24,49/02	91080	4	11,21/02	93710	3	14,26/02;6/03	95082	9	10,13,19,21,25,27,30,33, 44,46/02;1,4,7/03
76041	2	2/02	91096	1	21/02	93720	10	39,45,50/02;8/03	95083	8	21,25,33/02;1,4/03
76050	8	24,49/02	91170	2	38,41,44/02	93721	5	5,8,9,20,22,26,32,39,42, 45,50/02;4/03	95084	7	15,16,18,50,52/02;8/03
76052	8	8,12,15,21/02;4,5/03	91240	5	7,10/02	93725	6	20,45/02	95085	4	15,45,52/02;1,6/03
76054	5	9,49/02	91280	7	19,22/02	93726	4	26,48/02;8/03	95086	5	15,45,52/02;1,6,8/03
76060	7	40/02	91286	10	13,20/02	93730	3	6,21,39,40,42,45,47, 50/02;2,4/03	95087	3	4,19,21,25,33,40,48/02;1, 8/03
76061	3	40/02	91289	19	13,19,20/02	93733	13	5,6,17,21,22,26,32,39, 45/02;4/03	95100	12	7,8,9,10,13,14,15,16,18, 38,39,43,44,45,46,47,50, 52/02;1,4,6,7,8/03
76070	9	4,9,12,23,35/02	91297	9	10,14/02	93734	11	6,17,22,26,32,45/02;4/03	95101	8	8,13,14,15,39,44,50/02;1, 5,6/03
76071	9	4,23,35/02	91300	3	10,21,22/02	93736	22	5,6,8,11,16,22,26,32, 41/02;4/03	95102	8	8,10,13,38,42,45,46,47, 48,50,52/02;1,4,5,8/03
76080	8	3/02;1/03	91309	4	13/02	93778	8	14,47/02;7/03	95103	8	8,13,42,43,45,47,52/02;4, 6,7/03
76081	7	9,12/02	91331	3	10,21/02	94004	6	2,12,14,19,29,30,33,37, 44,52/02;8/03	95120	7	6,13,17,20,21,42,43, 52/02;1,4/03
76083	3	1/03	91340	3	11,19,21/02	94016	2	12,23,33,35,52/02;3/03	95138	8	45,46,48,49,50,52/02;
76090	6	2,9/02	91360	2	11/02	94028	7	7,8,9,13,14,23,25,40,42, 52/02;1,6,7,8/03	95140	15	7,8,10,14,15,18,22,38,40, 41,44,48,49,52/02;1,7, 8/03
76110	5	23/02	91400	2	10/02	94040	13	30,37,47,51/02;6,8/03	95142	9	15*,18,19,50,52/02;8/03
76120	6	6,22,23,25/02	91407	2	10/02	94042	9	47,51/02;7/03	95143	11	4,15,18,40,45,47,48,49, 50/02;1,5,6,7,8/03
76121	8	4,9/02	92006	5	45,46/02;5/03	94060	10	2,5,27,29,30,33,37,46, 47/02;7,8/03	95144	9	8,10,19,38,41,46,48,50, 52/02;1,6,8/03
76140	7	2,46/02	92010	3	19/02	94061	5	2,5,19,33,35,47/02	95146	14	7,10,19,36,38,39,40,41, 44,46,47,48,50,52/02;1, 8/03
76141	8	4,14,19,46/02	92020	2	19/02	94063	4	29,33,41/02;8/03	95147	13	7,39,41,44,45,46,47,48, 49/02;1,5/03
76142	1	46/02	92025	3	10,11,13,21/02	94067	10	33/02	95149	9	15,18,22,34,36,37,38,41, 43,48,49,52/02;8/03
76146	1	2,8/02	92030	4	7,10,11,19,21/02	94080	7	14,15,27,29,30,33,44, 48/02	95151	17	13,15,18,34,36,37,38,40, 41,44,48,49,52/02;1,5/03
76147	1	2/02	92033	5	45/02	94082	8	5,13,14,25,27,30,44/02; 8/03	95152	5	37,38/02;6/03
76150	6	35/02	92060	3	21/02	94083	12	5,13,17,25,44/02	95153	2	15,22,34,36,37,38,43/02
76151	7	5,22/02	92061	3	21/02	94084	1	5,6,13,23,25/02	95156	13	4,7,8,9,15,27,41,42,47, 52/02;1,6,8/03
76161	10	9,40/02	92110	3	13/02	94120	6	12,19,21,33,38,44,45,47/02	95157	17	13,15,18,34,36,37,38,40, 41,44,48,49,52/02;8/03
76170	7	29/02	92115	1	13,15/02	94122	7	19,30,40/02	95158	1	1,6/03
76171	10	9/02	92120	3	5/02	94123	9	12,21,33,38,44,45,47/02	95159	1	1,6/03
76180	1	2,4,6,18,22,23/02	92200	3	10,19/02	94124	13	38,42,44/02	95160	13	4,7,8,9,15,27,41,42,47, 52/02;1,6,8/03
81002	6	18/02	92210	3	18*/19/02	94127	2	21,33,38/02;6/03	95161	16	4,27,31,40,45,48,50/02;1, 5,6,8/03
81023	5	18/02	92214	4	3,19/02	94146	4	14,20,26,50/02	95162	2	20,40,44,47,47/02
81048	8	14/02	92216	3	23/02*	94180	9	26,32,42,44,47,50,51/02	95163	2	27/02;1,6/03
81054	12	14,29/02	92242	2	3/02	94184	2	N51/02	95164	4	43,48/02;1,6/03
81063	5	2/02	92290	2	7,11/02	94187	3	32/02	95167	10	44/02;1,6/03
81067	5	51/02	92293	2	7,11/02	94188	2	44,46,47,51/02;8/03	95169	2	4,44,50,52/02
81076	9	51/02	92310	4	5,11,13/02	94201	1	51/02	95171	1	1,6/03
81092	3	38*/50/02	92320	4	7,10/02	94203	10	22,26,41,42,44,46,47, 52/02	95172	1	1/03
81711	6	23/02	92380	3	7,10,11/02	94206	3	22,26,41,42,44,47,52/02	95173	1	15,16,17,50,52/02;1/03
81715	4	23/02	92385	4	7,10/02	94207	5	N26,N42,N44,N47, N52/02	95174	1	17,50,52/02
82015	13	22/02	92410	3	10,11,14/02	94208	6	44,46,47,51/02;8/03			
82020	7	22/02	92420	4	11/02	94216	6	27,45/02			
82030	8	12,18/02	92450	3	7,21/02	94217	4	30/02;6/03			
82210	2	42,48/02	92460	1	11/02	94218	3	30,36/02;6/03			
82242	1	35,48,50/02	92470	3	19,21/02	94219	1	47/02			
82244	5	35,42,48/02	92560	4	45/02						
82253	7	35,48,50/02	93006	2	21,39,45/02;4,8/03						
82374	9	22/02	93010	6	15,17,22,27,38,40,41/02; 2/03						
82377	2	22/02	93018	8	9,27/02;1/03						
82580	2	19/02	93020	2	15,24,38/02;4/03						
82646	2	19,33/02	93022	4	6,18/02						
82649	5	3,18,20,33/02	93025	5	45/02						
82683	4	6,18,33/02	93026	6	18,45/02						
82684	3	3,12,18,33,38/02;7/03	93030	6	6,18,45/02						
82689	3	5,6,18,38/02	93032	3	45/02						
82690	10	6,18,19,20/02	93								

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 8/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
95176	2	16,20,31/02;8/03	97026	10	23/02	97243	8	21,28,29,31,33,48/02;1,5, 6/03	802202	8	N14,N23,N31,N35/02; N1,N7/03
95177	1	18,41,50/02	97029	3	19/02	97245	11	7,17,28,36/02;1,5/03	802260	5	N20/02
95180	11	9,15,17,18,27,40,42,44, 49/02;1,6/03	97040	5	43,47/02	97246	7	43,52/02;5/03	803404	2	N26/02
95185	2	20,31,40,44,49/02	97043	2	17,23/02	97251	4	6/03	804037	1	N28/02
95250	4	12,44/02;1,6/03	97060	8	9,46/02	97261	15	10,17,18,41/02;1,5,7/03	804059	2	N20/02
95255	2	44/02;1,7/03	97061	3	52/02	97262	10	21,29,34/02;1,5,6,7/03	804567	4	N17/02
95258	3	6/03	97062	12	8,9,27,44/02;6/03	97263	10	5,7/03	805647	2	N37,N51/02
95261	7	48/02;1,5/03	97064	2	8,9/02;6/03	97266	5	10,17,37,41/02;1,5,6, 7/03	807861	2	N27/02
95262	13	41,46/02;1,6/03	97080	5	9/02				808528	1	N25/02
95264	8	6,48/02	97082	5	24,46/02	97267	16	17,18,25,29,40,41/02;1,5, 6,8/03	809310	9	N13,N18,N39/02
95267	5	11,17/02	97083	3	9,24/02	97268	10	6/03	809679	2	N25,N50/02
95268	16	39,48/02;6/03	97100	4	20,28,42,47/02	97269	11	20,45/02;8/03			
95270	4	8,48/02	97101	1	28/02	97270	6	36,44/02;1,5/03			
95271	4	44,48/02	97104	4	8,10,20/02;7/03	97271	12	17,18,25,29,37,39/02; 6/03			
95273	2	48/02	97105	3	8,10,20/02	97272	11	19,27,34,42,45,49/02; 6/03			
95274	3	48/02	97120	6	2,15,22,28,31,37,40,42, 43/02	97273	10	19,27,34,42,45,49/02; 8/03			
95276	3	21/02*	97140	17	2,10,15,22,33,37,39,43, 45/02;7/03	97274	19	19,27,31,34,39,45/02; 6/03			
95280	9	2,17,48/02;8/03	97141	5	13*,19,21,40,46/02;8/03	97276	1	27,29,40/02			
95281	15	7/03	97143	11	2,21,31,43,45/02	97277	11	10,17,27,02;1,5,6,8/03			
95282	7	46,52/02;4,6/03	97144	14	44*,46/02;7,8/03	97278	11	39/02;1/03			
95300	5	2,16,45,48,52/02	97145	1	2,15,22,43/02;8/03	97279	9	27/02			
95320	15	8,35,38/02	97146	10	44/02*	97280	4	52/02			
95341	8	8,10,11,18,19,42,47/02; 1/03	97148	9	21*,23,45/02	97281	2	41/02			
95342	16	30/02	97149	20	25,34,35,44,45/02;1/03	97283	3	45/02			
96000	5	6,8/02	97150	13	34,39,43,44/02	97285	6	10,19,23,27,31,34,42/02; 7/03			
96012	16	7,8,11/02	97151	16	31,35,44,45/02	97286	6	10,11,21,23,25,27,31,34, 35,36,41,42/02;6,8/03			
96016	7	11,12/02	97152	8	37/02	97287	5	11,34/02			
96020	4	6,7,41/02	97153	7	31/02	97300	6	12/02;1/03			
96024	3	6,7,8/02	97154	2	36/02	97303	3	18,25,47,48/02			
96028	5	6,7,8/02	97155	14	2,20,31,35,36,37,39,40, 48/02	97320	6	33/02			
96032	3	38/02				97340	8	27,33,38,52/02			
96039	7	16,17,30/02	97156	6	2,21,37/02;1/03	97341	9	2,27,34/02			
96041	11	16,17,30/02	97157	1	35,37/02	97342	14	27,38/02			
96042	11	16/02	97159	6	33,39/02;7/03	97343	12	27,38/02			
96043	8	16/02	97163	14	23/02	97360	6	20,23,27,38/02;5,7/03			
96044	10	8,29,30/02	97164	1	7/03	97380	7	21,39,47,52/02;1,2,8/03			
96120	6	30/02	97165	1	7/03	97381	7	27/02;7/03			
96130	2	9/02	97166	1	33/02	97382	2	41,45/02;4/03			
96140	5	30/02	97167	2	23,33/02	97383	16	31/02;5,7/03			
96141	4	9/02	97180	6	8,9,11,22,31,34,39,43,45, 46,48/02;4,8/03	97384	4	47/02			
96181	5	9/02				97385	10	31,52/02;5,6,7/03			
96200	5	8,9/02	97181	20	8,9,11,18,22,25,31,34,46, 48/02;1,4,7,8/03	97387	2	4,5,7/03			
96240	4	8,11/02				97389	1	39/02			
96300	4	11,12/02	97182	13	11,18,21,23,31,34,39,46, 48/02;1,4,5,6,7,8/03	97390	5	7,31,39,40/02;2,5/03			
96320	4	12/02				97391	26	31/02;6,7/03			
96340	4	12/02	97183	9	25,44/02;5/03	97392	5	21/02;1/03			
96360	4	12/02	97184	15	25,28,47/02;1,7/03	97396	14	7,18,21,36,39,40/02;2/03			
96441	1	41/02	97185	2	43/02;1,7/03	97397	7	3,8,18,25,39,49/02			
96480	3	6,7,8,41/02	97187	3	44,48/02	97398	3	21,25,49/02			
96500	6	6,8,41/02	97188	2	1,7/03	97400	3	25,26/02;1/03			
96521	3	N19/02*	97189	2	25,28,44/02	97410	8	11,21/02			
96640	5	6/02	97190	2	8,9,22,34,39,52/02;8/03	97412	7	40/02			
96645	1	26/02	97200	9	11,52/02;8/03	97420	17	8,9,21,34,39,42,47,52/02;			
96760	4	5,7,29,35,45/02	97202	15	43,44,52/02						
96762	3	29/02	97204	9	2,10,28,29,45,52/02;4, 6/03						
96763	7	29,43,48/02									
96764	2	5,19/02;7/03	97206	2	10,12/02						
96780	4	4,11/02	97207	3	11/02						
96800	4	19*,41/02	97218	3	10,21,41/02;6/03	97421	13	20,35,36/02;1/03			
96820	4	6/02	97219	4	10,12,21,25,31/02;6/03	97423	2	20,35,36/02;1/03			
96840	3	6,19/02	97220	3	2,7,8,21,24,31,37,39,42, 43,44/02;6,8/03	97425	6	10,34,39,47,52/02;1,6, 8/03			
96860	3	6/02									
96880	6	6,7,8/02	97221	20	2,7,8,10,11,21,24,31,37, 39,42,44,45,49,52/02;6, 8/03	97440	8	20,23,27,52/02;1/03			
96881	2	7/02				97441	5	20,46/02			
96882	4	7,8/02				97460	7	40/02;5/03			
96883	9	7/02	97222	12	11,25,28,47/02	97461	9	4,5,21/02;5,8/03			
96900	4	5,7/02	97223	3	8,42,44,48/02	97465	9	5,21/02;1,6,8/03			
96901	3	5,7,19,27/02;7/03	97224	6	11,18,25,27,46,47,49/02	97466	2	5,25,46/02;1/03			
96902	2	5,7,45/02	97225	31	2,7,8,11,21,24,31,37,39,42, 44/02;6,8/03	97469	10	7,26/02;1,6,8/03			
96904	2	5,27,41/02				97471	5	N7,N31/02			
96906	2	27/02	97226	7	17/02	97472	8	6,7,34/02			
96910	1	6,7,8/02	97227	11	21,24,42,43/02	97473	7	5/02			
96937	2	40/02	97228	15	2,21,28,30,39,40,42, 43/02;6,8/03	97474	7	21/02			
96938	4	9,02/4/03				97480	7	12,21,35,52/02;3/03			
96939	3	4,7/03	97229	12	2,7,8,18,24,27,31,36,39, 47/02;6,8/03	97481	6	10,47,49/02			
96941	8	47/02				97483	7	48,52/02			
96943	15	44/02;1/03	97230	18	2,29,36,52/02;6/03	97521	6	19,42/02			
96944	6	45,52/02;6/03	97231	11	10,21,41/02;6/03	800669	8	N20/02			
96945	3	43,52/02	97232	8	4,15,20,25/02	800744	1	N22,N49/02;N5/03			
96947	15	6/03	97233	11	31,33,43,44,49/02;1,5, 6/03	801217	1	N5,N6,N7,N21/02;N6, N8/03			
96949	21	45/02				801885	3	N28/02			
96960	3	9/02;7/03	97234	17	29,43,47,49/02;1,6,8/03	801959	2	N10/02			
96962	4	19,30,35/02;1/03	97236	20	31,47/02						
97021	7	2,16/02	97239	10	31,33/02;1,5/03						

SECTION II

NM 8/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
11XHA11472 (7642014010256)	Palm Shores to West Palm Beach Insets: 1. Fort Pierce 2. Palm Beach 3. West Palm Beach 4. St. Lucie Inlet Loxahatchee River Extension (New edition due to numerous Notice to Mariners corrections)	40,000 24,000 24,000 24,000 25,000 20,000	<u>31</u>	<u>12/02</u>	NOS	1-94	8/03	
11XHA11489 (7642014010253)	St. Simons Sound to Tolomato River (Not shown on index) (New edition due to changes in hydrography)	40,000	<u>34</u>	<u>12/02</u>	NOS	1-94	8/03	
11AHA11524 (7642014010165)	Charleston Harbor Continuations: Ashley River Wando River (Continuations not shown on index) (New edition due to numerous Notice to Mariners corrections)	20,000 20,000 20,000	<u>46</u>	<u>12/02</u>	NOS	1-94	8/03	
11XHA11541 (7642014010274)	Neuse River to Myrtle Grove Sound (Not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000	<u>33</u>	<u>11/02</u>	NOS	1-94	8/03	
11XHA11553 (7642014010279)	Albemarle Sound to Neuse River (Not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000	<u>28</u>	<u>12/02</u>	NOS	1-94	8/03	
12BCO12210 (7642014010341)	Chincoteague Inlet to Great Machipongo Inlet (LORAN-C) Inset: Chincoteague Inlet (Inset not shown on index) (New edition due to numerous Notice to Mariners corrections)	80,000 20,000	<u>36</u>	<u>11/02</u>	NOS	1-94	8/03	
12AHA12224 (7642014010307)	Chesapeake Bay-Cape Charles to Wolf Trap (New edition due to numerous Notice to Mariners corrections)	40,000	<u>23</u>	<u>12/02</u>	NOS	1-94	8/03	
12XHA12331 (7642014010372)	Raritan Bay and Southern Part of Arthur Kill (New edition due to numerous Notice to Mariners corrections)	15,000	<u>30</u>	<u>12/02</u>	NOS	1-95	8/03	
16BCO16556 (7642014011282)	Chiachi Island to Nagai Island (LORAN-C) Inset: Chiachi Islands Anchorage (Inset not shown on index) (New edition due to various general changes)	80,000 20,000	<u>4</u>	<u>11/02</u>	NOS	1-62,97	8/03	
16BCO16682 (7642014011292)	Cape Resurrection to Two Arm Bay (LORAN-C) Inset: Seward (New edition due to changes in hydrography)	81,847 10,000	<u>15</u>	<u>11/02</u>	NOS	1-97	8/03	
18XHA18548 (7642014011626)	Snake River-Lower Granite Lake (Not shown on index) (New edition due to changes in hydrography)	20,000	<u>5</u>	<u>12/02</u>	NOS	1-98	8/03	
18XHA18687 (7642014011649)	Lake Mead (Not shown on index) (New edition due to numerous Notice to Mariners corrections)	48,000	<u>13</u>	<u>11/02</u>	NOS	1-99	8/03	
19BCO19421 (7642014011683)	Gardner Pinnacles and Approaches Inset: Gardner Pinnacles (New edition due to changes in horizontal datum and territorial limits)	100,000 20,000	<u>7</u>	<u>12/02</u>	NOS	1-8,99	8/03	
REGION 2								

SECTION II

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
25AHA25653 (7642014012033)	Isla de Culebra & Approaches (New edition due to various general changes)	20,000	<u>13</u>	<u>12/02</u>	NOS	2-63	8/03	
54BHA54409 (7642014013160)	REGION 5 Plans on the South Coast of Turkey A. Limin Kastellorizou & Approaches (Dodecanese) B. Olu Deniz (Kekova Roads) & Ucagiz Limani Entrance C. Bodrum Limani (Kerme Korfezi) D. Kargincik Bogaz (Dana Ada) (Tasucu Korfezi) <u>36 02 38N 33 44 36E</u> <u>36 19 39N 33 58 38E</u> E. Soguksu Limani (Port Melania) F. Pazarcik (Antalya Korfezi) G. Gokkaya Liman (Yali Bay) H. Ayaskahvesi J. Kizkalesi Limani (Korghos Castles) K. Figla Burun (Antalya Korfezi) L. Alanya Limani (Antalya Korfezi) M. Limankalesi (Aghaliman Ports) (Tasucu Korfezi)		2	7/84	A	5-4,7	8/03	

Price Categories effective 1 October 2002

A 17.75	E 9.00	G 4.50	I 26.25
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CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS**PUB 120 2 Ed 2001 LAST NM 7/03**

Page 32—Line 4/R; insert after:

It has been reported (2002) that communications can be established between the offshore oil structures/rigs/platforms and passing vessels on VHF channel 6.

(BA NP 286(4)) 8/03

Page 32—Line 6/R; read:

The Time Zone description is HOTEL (-8). Daylight Savings Time is not observed.

(BA NP 282) 8/03

Page 69—Line 14/R; insert after:

ETA Message

Vessels should send their ETA 7 days, 72 hours, 48 hours, and 24 hours in advance to SINOAGENT (China Marine Shipping Agency) (name of port). Vessels departing from a port within a 24-hour sailing time should send their ETA upon departure. The 24-hour report should include the vessel's draft fore and aft.

If the vessel is carrying Grade 1 highly hazardous cargo, the vessel should apply for an endorsement, giving technical details, 3 days prior to ETA.

(BA NP 282(4)) 8/03

Page 69—Lines 31 to 32/R; read:

China covers several Time Zones, but Time Zone description HOTEL (-8) is kept for the whole country. Daylight Savings Time is not observed.

(BA NP 282) 8/03

Page 87—Line 10/L; read:

Regulations **88**
(NIMA) 8/03

Page 88—Lines 26 to 36/R; read:

Regulations

Vessels carrying bulk liquid hydrocarbons, vessels carrying dangerous cargo, and vessels over 120m in length are required to maintain a continuous listening watch on VHF channel 6 when navigating within the territorial waters.

These same vessels, when bound for a port or roadstead in the Society Islands, must report the following information to the Captain of the Port, Papeete, at least 3 days prior to arriving at the pilot station:

Designator	Required information
ALFA	Vessel name and nationality
BRAVO	Tonnage
CHARLIE	Length overall and beam

Designator	Required information
DELTA	Maximum arrival draft
ECHO	Destination
FOXTROT	Date and time (Zone Description WHISKEY) of arrival at the pilot station
GOLF	Type and quantity of cargo
HOTEL	Type and quantity of bunkers
INDIA	State of propulsion equipment
JULIETT	State of steering equipment
KILO	State of anchoring equipment
LIMA	State of navigational equipment
MIKE	State of radio equipment

Time Zone

The Time Zone description for the Tuamotu Archipelago, the Society Islands, and the Austral Islands is WHISKEY (+10). Daylight Savings Time is not observed.

The standard time of the Marquesas Islands is UT (GMT) +9 hours 30 minutes. Daylight Savings Time is not observed.

(BA NP 286(4); BA NP 282) 8/03

Page 112—Lines 31 to 45/R; read:

Huge Vessels; vessels of 25,000 grt and over carrying liquefied gas; and vessels towing or pushing, as described above, shall make initial reports by noon of the day before entering the traffic route. Other vessels should make this report 3 hours prior to entering the traffic route.

Subsequent amending reports should be made at least 3 hours in advance of entering the traffic route. If the amendments occur less than 3 hours before entering the traffic zone, the report should be sent immediately.

Reports should be sent to the appropriate Japanese Coast Guard (JCG) station, as given in the accompanying table. If contact with the appropriate station is unable to be established, the report can be sent to any of the stations listed in the table or to Naha, Moji, Kagoshima, Shiogama, or Kushiro.

Traffic Route (TR)	Designated JCG Station
Kurushima Kaikyo TR, Naikai	Hiroshima or Kamobe
Bisan Seto TR, Naikai	Hiroshima or Kobe
Uko TR, Naikai	Hiroshima or Kobe
Akashi Kaikyo TR, Naikai	Hiroshima or Kobe
Mizushima TR, Naikai	Hiroshima or Kobe
Irago Suido TR, Ise Wan	Nagoya
Uruga Suido TR, Tokyo Wan	Yokohama

PUB 120 (Continued)

Traffic Route (TR)	Designated JCG Station
Naka-no-se TR, Tokyo Wan	Yokohama

(BA NP 286(4)) 8/03

Page 113—Lines 23 to 56/L; read:

At least 3 hours prior to entering a port, the following information should be sent to the appropriate Captain of the Port:

1. Vessel name.
2. Gross tonnage and maximum draft on entering.
3. Port and date of departure.
4. ETA at port limits.
5. Reason for entering.

Inbound vessels carrying dangerous cargo should first obtain instructions from the Captain of the Port prior to crossing the port limit.

A vessel having entered a specified port shall submit without delay to the Captain of the Port an entrance report that includes the following:

1. Name, type, nationality, and registry of the vessel.
2. Gross tonnage, length, draft, and speed of vessel.
3. Name and address of owner (operator, if chartered).
4. Port of departure and last port of call.
5. Time and purpose of entrance.
6. Description and quantity of cargo.
7. Unusual events during voyage and safety information.
8. ETD, next port of call, and destination, if known when entering.

Departing vessels should report the following the details of the ETD, next port of call, and destination were not included on the entering report:

1. Name, type, nationality, and registry of the vessel.
2. Gross tonnage, length, draft, and speed of vessel.
3. Name and address of owner (operator, if chartered).
4. Description and quantity of cargo.
5. ETD, next port of call, and destination, if known when entering.

In addition, vessels should contact the appropriate Captain of the Port, as follows:

1. When entering or leaving port in an emergency.
2. For designation of anchorage.
3. When shifting in an emergency.
4. If required to comply with traffic control.
5. To report on measures to prevent danger caused by an accident in the port or near the port limit.
6. Sightings of hazards to navigation or anything unusual in the aids to navigation.

(BA NP 286(4)) 8/03

Page 115—Line 21/R; read:

The Time Zone description is INDIA (-9). Daylight Savings Time is not observed.

(BA NP 282) 8/03

Page 125—Line 57/L; insert after:

It has been reported (2002) that communications can be established between the offshore oil structures/rigs/platforms off Sabah and Sarawak and passing vessels on VHF channel 6.

(BA NP 286(4))

8/03

Page 126—Line 2/L; read:

The Time Zone description is HOTEL (-8). Daylight Savings Time is not observed.

(BA NP 282)

8/03

Page 134—Lines 31 to 32/R; read:

sent 6 hours in advance to Head of Marine (CMN), prefixed SURNAV-NOUMEA, followed by:

(BA NP 286(4))

8/03

Page 135—Lines 3 to 4/R; read:

Send details to Head of Marine (CMN), prefixed SURNAV-AVARIES, followed by:

(BA NP 286(4))

8/03

Page 135—Line 23/R; read:

to Head of Marine (CMN), prefixed SURNAV-AVARIES,

(BA NP 286(4))

8/03

Page 136—Line 2/R; read:

The Time Zone description is LIMA (-11). Daylight Savings Time is not observed.

(BA NP 282)

8/03

Page 230—Lines 33/L to 12/R; strike out.

(NIMA)

8/03

Page 230—Line 19/R; insert after:

The pilotage request can be made on VHF channel 16.

(BA NP 286(4))

8/03

Page 230—Line 25/R; read:

when in contact with the authorities. Permission should be obtained from the Ministry of Communication and Transport, Maritime Legislation Division at least 7 days in advance. The arrival should be reconfirmed at least 24 hours before entering Vietnamese territorial waters.

(BA NP 286(4))

8/03

Page 230—Line 35/R; insert after:

Unless otherwise stated, vessels should send their ETA to the port 48 hours in advance, giving details of the vessel and the cargo on board. The ETA should be confirmed 4 hours in advance.

(BA NP 282(4))

8/03

Page 230—Line 37/R; read:

The Time Zone description is GOLF (-7). Daylight Savings Time is not observed.

(BA NP 282)

8/03

PUB 140 2 Ed 2001 LAST NM 7/03

Page 73—Table; replace with below:

Temporary Explosives Dumping Areas		
Deposit Zone Locality	Area radius	Centered on (approx.)
Le Havre	200m	49°28.7'N, 0°02.0'W.
Trouville	200m	49°24.0'N, 0°01.2'W.
Dives-sur-Mer	200m	49°20.8'N, 0°09.3'W.
Ouistreham	200m	49°20.8'N, 0°09.3'W.
Courselles-sur-Mer	200m	49°22.3'N, 0°26.9'W.
Port-en-Bessin	200m	49°22.8'N, 0°45.8'W.
Grandcamp-Maisy	200m	49°25.4'N, 1°02.6'W.
Saint-Vaast-la-Hougue and Barfleur	200m	49°31.1'N, 1°12.8'W.
Cherbourg (heavy devices)	200m	49°41.6'N, 1°38.1'W.
Cherbourg (light devices)	200m	49°40.1'N, 1°37.0'W.
Granville	200m	48°48.9'N, 1°37.1'W.
Cancale	200m	48°43.0'N, 1°47.9'W.
Saint Malo	200m	48°42.6'N, 1°58.7'W.
Saint Jacut-Saint Cast	200m	48°40.5'N, 2°14.8'W.
Cap Frehel	200m	48°39.9'N, 2°24.5'W.
Erquy-Saint Brieuc	200m	48°38.8'N, 2°36.0'W.
Saint Quay-Portrieux	200m	48°43.7'N, 2°38.4'W.
Paimpol	200m	48°50.0'N, 2°50.0'W.
Treguier	200m	48°54.3'N, 3°08.8'W.
Perros Guirec	200m	48°51.4'N, 3°24.0'W.
Lannion	200m	48°45.1'N, 3°37.1'W.
Morlaix-Roscoff	200m	48°44.1'N, 3°55.0'W.
Ile de Batz	200m	48°45.3'N, 4°03.2'W.
Kerlouan	200m	48°40.9'N, 4°26.4'W.
Aber Wrac'h	200m	48°38.2'N, 4°36.8'W.
Aber Benoit	200m	48°35.5'N, 4°40.6'W.
Portsall	200m	48°33.6'N, 4°45.6'W.
Ile de Molene	500m	48°24.4'N, 4°55.7'W.
Le Conquet	300m	48°22.8'N, 4°47.6'W.
Brest	Position on Banc du Corbeau as designated by competent authority.	

Temporary Explosives Dumping Areas		
Deposit Zone Locality	Area radius	Centered on (approx.)
Camaret	An area 500m in width bordering the coast of Presqlle de Quelern, between Pointe des Capucins and Pointedu Diable.	
Anse de Dinan	500m	48°14.5'N, 4°35.3'W.
Morgat-Douarnenez	500m	48°11.0'N, 4°21.0'W.
Ile de Sein	200m	48°03.1'N, 4°50.1'W.
Audierne	500m	47°59.1'N, 4°32.0'W.

(25(09)02 Brest; 26(16)02 Brest)

8/03

Page 197—Line 31/R; insert after:

All single-hull tankers carrying heavy fuel, tar, asphaltic bitumen, or heavy crude oil are not permitted to enter Spanish ports, terminals, and anchorage areas. This prohibition also includes all ports, terminals, and anchorage areas in the Canary Islands.

(BA NM 4/03, Section IV)

8/03

PUB 153 9 Ed 2000

LAST NM 4/03

Page 97—Lines 35 to 40/R; read:
Panama and Colombia.

The intervening coast between Bahia Pina and Isla Mono (NIMA)

8/03

PUB 160 2 Ed 2002

LAST NM 6/03

Page 97—Line 13/L; read:

The Time Zone description is FOXTROT (-6). Daylight Savings

(PUBS 003-03)

8/03

PUB 164 7 Ed 2000

LAST NM 36/01

Page 122—Lines 47 to 51/R; read:

Daru Island (9°06'S., 143°12'E.), close NW of Bristow Island, is about 3 miles long on its N side and about 27m high. An aeronautical radiobeacon is located on the N side of Daru Island, and there is an airstrip here. Daru Island is the administrative center for the W part of Papua New Guinea and has a population of approximately 8,000 people.

(Wollongong 26(829)02)

8/03

PUB 192 7 Ed 2000

LAST NM 7/03

Page 165—Lines 35 to 37/R; read:

serves an extensive oil installation. It is reported (2001) that this terminal is no longer in use.

(BA NP 55)

8/03

PUB 194 9 Ed 2002

LAST NM 6/03

Page 127—Line 18/L; read:

4.54 Tejn (55°15'N., 14°50'E.) (World Port Index No.

SECTION II

NM 8/03

PUB 194 (Continued)

29040), a sheltered harbor, is
(NIMA)

8/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28760	- Aquaculture Buoy	40 57 27 N 72 27 46 W				White can with orange bands.	Private aid.
	*	*					8/03
28765	- Aquaculture Buoy E						Remove from list.
							*
28770	- Aquaculture Buoy S						Remove from list.
							*
28775	- Aquaculture Buoy W						Remove from list.
							*
38720	RATTLESNAKE ISLAND LEADING LIGHT RI	42 22 48 N 73 47 42 W	Fl W 4s	41		NG on skeleton tower.	
		*					8/03
38735	- LIGHT 169	42 23 47 N 73 47 19 W	Fl G 4s	14	4	SG on pile.	
		*					8/03
38755	- LIGHT 171	42 24 30 N 73 47 00 W	Fl G 4s	26	4	SG on skeleton tower.	
		*					8/03
38765	MILL CREEK LIGHT MC	42 24 41 N 73 46 41 W	Fl W 4s	48	5	NR on skeleton tower.	
		*					8/03
38800	STONEHOUSE BAR CHANNEL NORTH END RANGE FRONT LIGHT	42 27 14 N 73 47 11 W	Q G	21		KRW on skeleton tower.	Visible on range line only.
		*					8/03
38810	- LIGHT 184	42 26 39 N 73 46 59 W	Fl R 2.5s	27	4	TR on skeleton tower.	
		*					8/03
38865	- LIGHT 191	42 28 42 N 73 47 19 W	Q G	26	4	SG on skeleton tower.	
		*					8/03
38890	- LIGHT 197	42 30 05 N 73 47 00 W	Fl G 4s	25	4	SG on skeleton tower.	
		*					8/03
38900	- LIGHT 200	42 31 05 N 73 45 52 W	Q R	24	4	TR on skeleton tower.	
		*					8/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
38910	- LIGHT 204	42 32 16 N 73 45 19 W	Q R	28	4	TR on skeleton tower.	
		*					8/03
38925	- LIGHT 209	42 33 27 N 73 45 21 W	Fl G 4s	25	4	SG on skeleton tower.	
		*					8/03
38940	- LIGHT 212	42 34 18 N 73 45 02 W	Fl R 4s	24	4	TR on skeleton tower.	
		*					8/03
38950	- LIGHT 214	42 34 39 N 73 45 02 W	Q R	26	4	TR on skeleton tower.	
		*					8/03
38955	- LIGHT 215	42 35 05 N 73 45 27 W	Fl G 4s	21	4	SG on skeleton tower.	
		*					8/03
38970	- LIGHT 219	42 36 10 N 73 45 47 W	Fl G 4s	29	4	SG on skeleton tower.	
		*					8/03
38985	- LIGHT 221	42 36 49 N 73 45 43 W	Fl G 4s	28	4	SG on skeleton tower.	
		*					8/03
39010	- LIGHT 223	42 39 32 N 73 44 17 W	Fl G 4s	30	4	SG on skeleton tower.	
		*					8/03
39015	- LIGHT 224	42 40 13 N 73 43 23 W	Fl R 4s	30	4	TR on skeleton tower.	
		*					8/03
39135	STONY POINT BREAKWATER LIGHT 4	44 58 26 N 73 21 01 W	Fl R 4s	19	5	TR on skeleton tower.	Higher intensity beam north and south.
		*					8/03
Cumberland Bay							
39415	PLATTSBURG BREAKWATER SOUTHWEST LIGHT	44 41 36 N 73 26 23 W	Fl W 2.5s	10	6	NW on post worded DANGER JETTY.	
		*					8/03
39420	PLATTSBURG BREAKWATER NORTHEAST LIGHT	44 41 45 N 73 26 09 W	Fl W 4s	29	6	NW on skeleton tower worded DANGER JETTY.	
		*					8/03
39490	ALLEN POINT RAILROAD LIGHT S		Fl R 4s	15	3	On spindle.	Maintained from May 15 to Nov. 15. Private aid.
		*		*	*		8/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
39540	COLCHESTER REEF LIGHT	44 33 18 N 73 19 44 W	Fl W 4s	51	6	NG on post on granite caisson.	*

8/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
930	TRIUMPH REEF LIGHT 2TR	25 28 36 N 80 06 42 W	Fl R 2.5s	19	5	TR on dolphin.	*
950	ELBOW REEF LIGHT 6	25 08 42 N 80 15 30 W	Fl R 2.5s	36	5	TR on skeleton tower on piles.	*

8/03

SOMBRERO KEY TO DRY TORTUGAS (Chart 11434)

1005	BIG PINE SHOAL LIGHT 22 On seaward edge of reef.	24 34 06 N 81 19 30 W	Fl R 2.5s	16	5	TR on dolphin.	*
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8/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
213	NOAA Environmental Lighted Buoy EB 46023	32 52 55 N 120 52 23 W	Fl (4) Y 20s			Yellow disk-shaped buoy.	*

8/03

*Delete Heading:

*POINT CONCEPTION TO POINT SUR (Chart 18700)

215	NOAA Environmental Lighted Buoy 46011 (ODAS)					Remove from list.	*
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8/03

*Add Heading:

*POINT CONCEPTION TO POINT SUR (Chart 18700)

217	NOAA Environmental Lighted Buoy 46062(ODAS)	35 06 03 N 121 00 36 W	Fl (4) Y 20s			Yellow disk-shaped buoy.	*
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8/03

*Delete Heading:

*North Slough

9180	- Channel Daybeacon 1					Remove from list.	*
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8/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading: *North Slough							
9185	- Channel Daybeacon 4	43 26 06 N 124 14 00 W		10		TR on pile.	Private aid. 8/03
13700	- LIGHT 2	46 35 09 N 118 00 25 W	Fl R 4s	21	3	TR on pile.	 8/03
*							
13705	- LIGHT 3	46 35 25 N 117 59 29 W	Fl G 6s	34	4	SG on skeleton tower.	 8/03
*							
29235	- Channel Buoy 12	21 18 59 N 157 52 47 W				Red nun.	 8/03
* *							
Kikiaola Boat Harbor							
29900	- RANGE FRONT LIGHT	21 57 34 N 159 41 36 W	F R	16		Steel pole on concrete base.	Located west of harbor. Private aid. 8/03
* *							
29901	- RANGE REAR LIGHT 71 yards, 351.1° from front light.		F R	28		Steel pole on concrete base.	Located west of harbor. Private aid. 8/03
*							

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*12420 -Freighter Dock. J 4814		21° 26.0' N 71° 09.0' W	2 F.R.				8/03
18214 Sucuraca. G 0313.5		19° 05.8' S 39° 43.4' W	Fl.(2)W. period 30s fl. 1s, ec. 9s fl. 1s, ec. 19s	210 64	24	White quadrangular concrete tower, black bands; 131.	
				*	*		8/03
19465 -Submarine Dock Range, front. G 0919		38° 02.2' S 57° 32.0' W	Q.R.	16 5	7	Red triangle on white rectangle, on lantern.	
				*	*		8/03
19466 -Rear, 60 meters 317° from front. G 0919.1		38° 02.2' S 57° 32.0' W	Q.R.	39 12	7	Red triangle on white square, on building.	
				*	*		8/03

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*6016.5 -Fish Rock. K 2796.1		30° 56.4' S 153° 06.0' E	Fl.(2)W. period 7s			Beacon; 3.	
							8/03
*6878 Whale Head. K 3655.3		43° 38.3' S 146° 52.2' E	Fl.(2)W. period 15s	187 57	18	White fiberglass hut; 13.	Visible 223°-079°.
							8/03
14872 Boca del Dren, bay, E. side. G 3526.5		27° 22.0' N 110° 27.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	9	Truncated pyramidal metal tower; 23.	
			*	*	*		8/03
14922 San Carlos. G 3518.7		25° 35.0' N 109° 03.0' W	Iso.R. period 2s	26 8	6	White round concrete tower; 10.	
				*			8/03
15244 Punta Galera. G 3448		15° 56.9' N 97° 42.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	105 32	12	White truncated pyramidal concrete tower; 23.	
					*		8/03
15248 Cerro Hermoso. G 3447		15° 57.0' N 97° 32.0' W	F.I.R. period 6s fl. 1s, ec. 5s	36 11	10	White truncated pyramidal metal tower; 24.	
					*		8/03

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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15252 <i>G 3446</i>	Puerto Escondido.	15° 51.0' N 97° 04.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	131 40	16	White octagonal concrete tower; 49.	*
15253 <i>G 3445.5</i>	Punta Zicatela.	15° 49.0' N 97° 03.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	6	White truncated pyramidal metal tower; 15.	*
15254 <i>G 3444.2</i>	-Puerto Angel Range, front.	15° 39.5' N 96° 31.2' W	Fl.W. period 3s fl. 1s, ec. 2s	26 8	8	White truncated pyramidal concrete tower; 26.	*
15255 <i>G 3444.21</i>	--Rear.	15° 39.5' N 96° 31.2' W	Iso.W. period 2s	33 10	8	White truncated pyramidal concrete tower; 33.	*
15256 <i>G 3444</i>	Puerto Angel.	15° 38.6' N 96° 31.2' W	Fl.W. period 5s	184 56	20	White octagonal concrete tower, Visible 266°-094°. dwelling; 42.	*
15257 <i>G 3444.3</i>	-Wharf.	15° 39.5' N 96° 31.3' W	Iso.G. period 2s	16 5	5	Green round concrete tower; 15.	*
15258 <i>G 3444.4</i>	-Wharf.	15° 39.5' N 96° 31.3' W	Iso.G. period 2s	16 5	5	Green round concrete tower; 15.	*
15264 <i>G 3440</i>	Morro Ayutla.	15° 52.5' N 95° 46.8' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	138 42	10	White round concrete tower, dwelling; 36.	*
15292 <i>G 3431</i>	San Francisco.	16° 12.8' N 94° 48.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	56 17	10	Red round concrete tower, yellow bands; 39.	*

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2640 <i>F 7243.7</i>	Echizen Sirahama Ko, No. "1" breakwater.	35° 54.1' N 135° 59.8' E	F.FIG. period 5s	33 10	F. 5 Fl. 11	White round concrete tower; 31.	*

8/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5988 -W. breakwater. <i>F 6163.6</i>		34° 49.3' N 136° 56.3' E	Fl.(2)G. period 6s	66 20	8	White tower; 66.	
		*	*		*	*	8/03
6696 Obera Shima. <i>F 6006.8</i>		33° 38.1' N 135° 58.9' E	Fl.W. period 3s	62 19	5	White tower; 49.	
		*			*		8/03
*8088 Honmura.		34° 27.6' N 134° 00.0' E	Fl.G. period 3s	26 8	5		
							8/03
*8088.5 Naoshima-ko. <i>F 5347</i>		34° 27.3' N 134° 00.2' E	Iso.G. period 4s	26 8	4		
							8/03
9816 Mozi Dairi, breakwater. <i>F 5347</i>		33° 54.6' N 130° 56.0' E	Fl.(2)R. period 6s	39 12	5	Red round concrete tower; 31.	
		*	*		*		8/03
9844 Sunatu, breakwater. <i>F 5345</i>		33° 53.6' N 130° 53.6' E	Fl.R. period 5s	39 12	5	Red round concrete tower on square base; 36.	
		*	*		*		8/03
12544 -Kuro Shima. <i>F 5052</i>		34° 19.0' N 129° 24.7' E	Fl.W. period 5s	472 144	7	White round concrete tower; 43.	
		*	*		*		8/03
13904 -S. breakwater. <i>F 4660.6</i>		24° 17.4' N 120° 30.0' E	Fl.R. period 2s	69 21	14	Red round concrete tower; 65. Auxiliary light F.R. 8m 5M on same structure.	
-RACON			F(•-•)				
		*	*				8/03
13906 -Main channel Range, front. <i>F 4660.94</i>		24° 17.0' N 120° 31.4' E	Dir.F.W.R.G.	147 45	17	Square metal tower.	White light visible on range line only.
							*
*13907 -Rear, 815 meters 114°15' from front. <i>F 4660.941</i>		24° 16.8' N 120° 31.9' E	Fl.W.	230 70	10		
							8/03
16728 -Yong Do. <i>F 4356</i>		35° 03.1' N 129° 05.5' E	Fl.(3)W. period 18s	269 82	24	White round steel tower; 8.	Visible 210°-026°. Signal station (day only). Radiobeacon. DGPS Station.
		*	*		*		*
*16781 Chang-mal, breakwater, W. head. <i>F 4660.94</i>		35° 04.7' N 128° 46.9' E	Fl.(2)R. period 6s	20 6	6	Red square steel tower; 12.	
							8/03
*16781.1 -E. head. <i>F 4660.94</i>		35° 04.7' N 128° 47.1' E	Fl.(2)Y. period 6s	20 6	7	Yellow square steel tower; 12.	
							8/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*16782	Kojin-mal, breakwater, W. head.	35° 02.9' N 128° 47.2' E	Fl.(4)R. period 8s	33 10	6	Red square steel tower; 12.	
							8/03
*16782.1	-E. head.	35° 02.9' N 128° 47.6' E	Fl.Y. period 6s	33 10	7	Yellow square steel tower; 12.	
							8/03
*16783	Yondo, breakwater.	35° 03.5' N 128° 46.7' E	Fl.(4)G. period 8s	33 10	5	White square steel tower; 12.	
							8/03
*16820.9	Jindong Hang.	35° 05.9' N 128° 28.8' E	Fl.R. period 6s	33 10	6	Red round concrete tower; 26.	
							8/03
*16919	Tongyeong, breakwater.	34° 50.3' N 128° 25.8' E	Fl.R. period 5s	30 9	6	Red round steel tower; 17.	
							8/03
*17008.1	Donji Hang.	34° 50.2' N 128° 10.9' E	Fl.G. period 6s	33 10	5	White round concrete tower; 26.	
							8/03
17116	Odong Do. F 4310	34° 44.5' N 127° 46.2' E	Fl.W. period 10s	200 61	25	White octagonal concrete tower; Horn: 1 bl. ev. 30s. 82.	
				*	*	*	
18704	-Mati Jiao. F 3832	36° 04.6' N 120° 17.4' E	Fl.W. period 8s	28 9	12	White round stone tower, black bands; 36.	
	-RACON		C(- - -)				
			*				8/03
*19984.5	Modou Zhou. F 3406.5	21° 36.1' N 112° 44.0' E	Fl.W. period 4s	121 37	6	White square concrete pile; 7.	
							8/03
*19985	Bijia Zhou. F 3405.8	21° 35.5' N 112° 34.3' E	Fl.(2)W. period 4s	72 22	6	White pyramidal framework skeleton; 10.	
							8/03
20692	Khlong Dan. F 2951.5	13° 29.4' N 100° 48.8' E	Fl.(2)W. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	49 15	10	White and red concrete structure; 49.	Fl.(2)Y. 5.5s 9m 9M light 1.6 miles SE on wastepipe pipe.
			*			*	
24256.2	-No. "20". F 1939.5	4° 59.6' N 115° 05.5' E	Q.(3)+L.Fl.W. period 15s		E. CARDINAL		Radar reflector.
			*		BYB, beacon, topmark.	*	
			*			*	
25014	-Pulau Kaget. K 1417	3° 26.7' S 114° 30.2' E	Fl.G. period 7s	43 13	12		
			*				8/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*25572.7 K 1299.56	Tg. Maloh.	8° 53.7' S 116° 43.7' E	Fl.W. period 7s	413 126	12	White beacon.	8/03
*25572.8 K 1299.57	Benete Range, front.	8° 54.0' S 116° 44.7' E	Q.W. period 7s	43 13	6	Beacon, white cone topmark, point up.	8/03
*25572.81 K 1299.571	-Rear, 127° from front.	8° 54.0' S 116° 44.9' E	Iso.W. period 4s	52 16	6	Beacon, white cone topmark, point down.	8/03
*25602.5 K 1304.4	Tg. Kolo.	8° 20.0' S 117° 28.6' E	Fl.Y. period 4s fl. 0.5s, ec. 3.5s	36 11	6	SPECIAL Y, beacon, topmark.	8/03
*25602.7 K 1304.6	Tg. Ai Lancong.	8° 19.5' S 117° 34.4' E	Fl.Y. period 3s fl. 0.5s, ec. 2.5s	46 14	6	SPECIAL Y, beacon, topmark.	8/03

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*4214.7 D 2436.78	--New esplanade, elbow.	36° 09.9' N 5° 22.4' W	Q.G.	3	Green post.		8/03
*5753 E 0399	-New river mouth, S. breakwater, head.	41° 17.6' N 2° 07.6' E	Q.(3)W. period 10s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 7.7s	16 5	3	E. CARDINAL BYB, post, topmark.	
9612 E 1730.2	-Molo di Levante, head.	40° 39.8' N 14° 44.7' E	Fl.G. period 5s fl. 1s, ec. 4s	42 13	9	Green post; 31.	8/03
RACON			C(---).	6			
*			*	*	*		8/03
*13427 E 3331.2	-Rt. Ciovo.	43° 29.3' N 16° 23.5' E	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	30 9	7	White tower with gallery; 23.	8/03
*19030 E 5642.2	-New Mole, head.	44° 43.1' N 37° 48.3' E	Fl.G. period 3s	2			
22740 E 6762	-NE. breakwater, head.	35° 17.3' N 2° 55.4' W	Fl.G. period 4s fl. 1s, ec. 3s	108 33	5	Gray tower with green lantern on grey dwelling; 98.	8/03
*			*	*	*		

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7418 <i>C 7516.4</i>	Baggahegna.	56° 09.2' N 14° 58.2' E	Fl.W. period 3s	28 8	3	Lantern on post, orange rectangular daymark.	Occasional. *
12874 <i>C 3841.9</i>	-Miiduranna Harbor, Entrance Range, front.	59° 30.0' N 24° 48.9' E	Fl.(2)Bu. period 3s	43 13	2	White rectangle, black stripe, on building: 36.	 *
12874.1 <i>C 3841.91</i>	- -Rear, 185 meters 044°24' from front.	59° 30.0' N 24° 49.0' E	Oc.Bu. period 5s	59 18	2	White rectangle, black stripe, on building: 52.	 *
15800 <i>C 4736</i>	Uto.	59° 47.0' N 21° 22.0' E	Fl.(2)W. period 12s fl. 0.3s, ec. 3.2s fl. 0.3s, ec. 8.2s	130 40	17	Square granite tower, red and white stripes: 78.	Visible 235°-100°. Pilot station. F.W.
16094 <i>C 4487</i>	Suomen Leijona.	59° 28.3' N 20° 49.0' E	Fl.W. period 12s fl. 0.3s, ec. 11.7s	75 23	125 38	17	Visible 163°-253°.
RACON			T(-) period 30s	12	*	*	8/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 8/03

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
NIMA HYDRO CATALOG CATP2V01U			SDPUB153	2000	6/01*,28,30,41,44, 46,47,48,52/02;1,3, 4,8/03	COMDTM165026	2002	35*,36,40,41,42,43, 44,45,46,47,48,49, 50,51,52/02;1,2,4,5, 6,7,8/03
Region 1	2002	1*,2,3,4,7,8/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3/03	COMDTM165027	2002	16*,17,18,19,20,21, 22,23,25,27,29,30, 32,33,34,36,37,40, 43,45,46,47,48,50, 51,52/02;1,4,6/03
Region 2	2002	1*,8/03	SDPUB155	2001	31*,48/01;10,45, 46/02			
Region 3	2002	1/03*	SDPUB157	2000	20*,27,29,33,34,35, 38,41,44,48/00;1,3, 4,6,7,11,12,13,21, 23,32,47/01;2,5,9, 13,14,20,22,27, 38/02			
Region 4	2002	1/03*	SDPUB158	2000	50/00*;5,10,12,13, 15,17,20,24/01; 46/02			
Region 5	2002	1*,3,5,8/03	SDPUB159	2002	42*,48/02	FLEET GUIDES		
Region 6	2002	1/03*	SDPUB160	2002	47*,48,49,52/02;6, 8/03	FGPUB940ATL	2001	N47/01*
Region 7	2002	1/03*	SDPUB161	2002	23*,24,44,47,48/02; 5/03	FGPUB941PAC	2001	N22/01*
Region 8	2002	1/03*	SDPUB162	2001	51/01*;5/03	NOS MISCELLANEOUS PUBLICATIONS		
Region 9	2002	1/03*	SDPUB163	2002	18*,20,21,26,46, 51/02	NOSPBCATALOG1	2000	20/00*
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7/03	SDPUB164	2000	30/00*;31,35,36/01; 8/03	NOSPBCATALOG2	2000	34/00*
			SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02	NOSPBCATALOG3	2000	28/00*
NIMA LIST OF LIGHTS			SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1/03	NOSPBCATALOG4	2000	34/00*
LLPUB110	2003	7*,8/03	SDPUB173	2002	50*,51/02;3/03	ALMANACS		
LLPUB111	2002	35*,36,37,38,39,40, 41,42,43,44,45,46, 47,48,50,51,52/02;1, 2,3,4,5,6,7,8/03	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02	AIRALMANAC301	2003	44/02*
LLPUB112	2003	4*,5,6,7,8/03	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02	NAUTALMANAC03	2003	44/02*
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8/03	SDPUB180	2002	32*,33,42,47,48, 50/02;6/03	COAST PILOT		
LLPUB114	2002	13*,15,16,17,19,20, 21,22,23,24,31,32, 34,35,36,38,39,40, 41,43,45,46,47, 49,51/02;1,4,5,6/03	SDPUB181	2002	38*,39/02	NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42,45,49,51/02; 3/03
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1/03	SDPUB182	2001	8*,10,12,41/02	NOSPBCP2	31	44*,47,51,52/01;5,7, 12,13,18,23,33,37, 39,42,45,48,51/02;3, 6/03
LLPUB116	2002	18*,20,21,22,24,25, 26,27,29,31,34,37, 41,42,44,45,46,47, 48,49,50,52/02;1,2, 4,5,6,7,8/03	SDPUB183	2001	27/01*;13,15,16/02	NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42,45,49,51/02;3/03
			SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2/03	NOSPBCP4	34	49*,51/02
SAILING DIRECTIONS			SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01; 11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02;4,5,6,7, 8/03	NOSPBCP5	30	2*,6/03
CDPUBSD146	2002	4/03*	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02	NOSPBCP6	32	19*,20,21,33,39,45, 47,49,51/02;3,6/03
CDPUBSD194	2002	6*,8/03	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3/03	NOSPBCP7	34	1*,3/03
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8/03	SDPUB196	2002	38*,39,42/02	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40,47,50,51/02
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02	USCG LIGHT LIST VOLUMES I - VII			NOSPBCP9	20	12*,20,23,33,37,45, 50,51/02;3,6/03
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02	COMDTM165021	2002	30*,31,32,33,34,35, 36,37,39,40,41,42, 43,44,45,46,47,48, 49,50,51,52/02;1,2, 4,5,6,7,8/03	RADIO NAVIGATIONAL AIDS		
SDPUB125	2000	6*,9,10,20,21,40/00; 36,37,45,46/01;14, 17,33,35,38,40/02	COMDTM165022	2002	16*,17,18,19,20,21, 22,23,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41,42, 43,44,45,46,47,48, 49,50,51,52/02;1,2, 3,4,5,6,7/03	RAPUB117	2002	50/02*
SDPUB126	2002	39*,41,42,43,44,45, 48/02	COMDTM165023	2002	35*,36,37,40,41,42, 43,44,45,46,47,48, 49,50,51,52/02;1,2, 3,4,5,6,7/03	AMERICAN PRACTICAL NAVIGATOR		
SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41,47,49, 51/02;5/03	COMDTM165024	2002	30*,31,32,33,34,35, 36,37,39,40,41,42, 43,44,45,46,47,48, 49,50,51,52/02;1,2, 3,4,5,6,7/03	NVPUB9	2002	36/02*
SDPUB131	2000	13*,18,21,25,29,30, 33,37,51/00;4,15,19, 28,49,52/01;22,23, 24,25,26,27,32,33, 37,38,39,40,43, 44/02	COMDTM165025	2002	35*,36,37,40,41,42, 43,44,45,46,47,48, 49,50,51,52/02;1,2, 3,4,5,6,7/03	INTERNATIONAL CODE OF SIGNALS		
SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2/03	COMDTM165026	2002	30/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7/03	NVPUB102	1999	46/99*;52/01
SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8/03	DISTANCES BETWEEN PORTS					
SDPUB141	2001	21*,38/01	CDPUBNV1310	2001	4/02*			
SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	RADAR NAVIGATION AND MANEUVERING BOARD MANUAL					
SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02	CDPUBNV1310	2001	51/01*			
SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	SIGHT REDUCTION TABLES (MARINE)					
SDPUB147	2001	35/01*;21,22,23, 24/02	SRPUB229V1	1970	11/71*			
SDPUB148	2001	48/01*;23,24/02	SRPUB229V2	1970	11/71*			
			SRPUB229V3	1970	7/71*			
			SRPUB229V4	1970	3/71*			
			SRPUB229V5	1970	3/71*			
			SRPUB229V6	1970	23/70*			
			SIGHT REDUCTION TABLES (AIR)					
			SRPUB249V1	2000	4/01*			
			SRPUB249V2	1952	46/52*			

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 8/03**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
SRPUB249V3	1952	46/52*		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N20/89*		
ATLAS OF PILOT CHARTS NVPUB107 NVPUB109	1998 2001	30/99* 49/02*		
USCG NAVIGATION RULES COMDTM166722D	1999	44/99*;52/00		
NOS TIDE TABLES NOSPBTTCWPACIN3 NOSPBTTECSTNSA3 NOSPBTTEURAFR3 NOSPBTWCSTNSA3	2003	N4/03*		
TIDAL CURRENT TABLES NOSPBTCTATCSTN3 NOSPBTCTPACAS3	2003	N4/03*		

SECTION III

NM 8/03

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 061200Z February 2003:

2001 series	346(GEN)	487(11)	50(26)	55(24)	61(GEN)
393(GEN)	351(11)	2003 series	51(11,26)	56(25,26)	65(11)
2002 series	365(14)	15(11)	52(11)	58(26)	
219(GEN)	468(GEN)	27(11)	53(24)	60(11,26)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02.

NAVAREA IV WARNINGS issued from 301200Z January to 061200Z February 2003.

45/03 thru 49/03. CANCELED.

50/03(26). NORTH ATLANTIC.

1. TEN METER LONG STRUCTURE ADRIFT VICINITY
30-36.1N 077-13.2W AT 311520Z JAN.
2. CANCEL THIS MSG 07 FEB.

(311737Z JAN 2003)

51/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0500Z TO 0459Z COMMENCING DAILY 03 THRU 09 FEB IN AREA BOUND BY 30-45.0N 080-32.0W, 30-45.0N 079-40.0W, 30-37.5N 079-40.0W, 30-34.0N 080-33.0W.
 - B. 0500Z TO 0459Z COMMENCING DAILY 03 THRU 09 FEB IN AREA BETWEEN 29-20.0N 29-10.0N AND 079-50.0W 079-40.0W.
 - C. 1300Z TO 0459Z COMMENCING DAILY 04 THRU 06 FEB IN AREA BETWEEN 29-40.0N 29-50.0N AND 080-30.0W 080-40.0W.
 - D. 060100Z TO 060459Z FEB IN AREA BOUND BY 30-35.0N 081-21.0W, 30-35.0N 081-00.0W, 30-00.0N 081-02.0W, 30-00.0N 081-15.0W.
2. CANCEL THIS MSG 100559Z FEB.

(312035Z JAN 2003)

52/03(11). GULF OF MEXICO. SPACE SHUTTLE DEBRIS.

AT APPROXIMATELY 011410Z FEB, THE SPACE SHUTTLE COLUMBIA BROKE UP UPON RE-ENTRY OVER TEXAS. DEBRIS HAS BEEN FOUND FROM TEXAS TO FLORIDA. COAST GUARD DISTRICT SEVEN REQUESTS THAT MARINERS WHO HAVE REPORTS OF DEBRIS OR RELATED SIGHTINGS REPORT TO U.S. COAST GUARD RCC MIAMI, TELEX: 62076733, PHONE: 305 415 6800.

(011815Z FEB 2003)

53/03(24). NORTH ATLANTIC.

1. NUMEROUS CONTAINERS ADRIFT VICINITY 09-54N 051-27W AT 011325Z FEB.
2. CANCEL THIS MSG 08 FEB.

(012124Z FEB 2003)

54/03. CANCELED.

55/03(24). NORTH ATLANTIC.

1. THREE CONTAINERS ADRIFT VICINITY 09-27N 051-27W.
2. CANCEL THIS MSG 09 FEB.

(022257Z FEB 2003)

56/03(25,26). NORTH ATLANTIC.

1. DERELICT 37 FOOT S/V SUMMER HEAT, WHITE HULL, ADRIFT VICINITY 25-49.2N 070-37.4W AT 021814Z FEB.
2. CANCEL THIS MSG 10 FEB.

(030100Z FEB 2003)

57/03. CANCELED.

58/03(26). NORTH ATLANTIC.

1. DERELICT 417 FOOT M/V WHITE SEAL ADRIFT VICINITY 32-03N 071-59W AT 032100Z FEB.
2. CANCEL THIS MSG 10 FEB.

(032259Z FEB 2003)

SECTION III

59/03. CANCELED.

60/03(11,26). NORTH ATLANTIC, FLORIDA.

1. LORAN-C STATION MALONE, RATES 7980-MASTER AND 8970-W,
UNUSABLE 072000Z TO 072200Z FEB.
2. CANCEL NAVAREA IV 57/03.
3. CANCEL THIS MSG 072300Z FEB.

(040540Z FEB 2003)

61/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 041000Z FEB 2003. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 15(11), 27(11), 50(26), 51(11,26), 52(11),
53(24), 55(24), 56(25,26), 58(26), 59(11,25), 60(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF
13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/02, 26/02 AND 39/02.
3. CANCEL NAVAREA IV 32/03.

(041010Z FEB 2003)

62/03 thru 64/03. CANCELED.

65/03(11). SOUTH CAROLINA.

CHART 11521 (26TH ED).

1. CHARLESTON DGPS STATION 32-45.4N 079-50.5W
OFF AIR 061500Z TO 061700Z FEB.
2. CANCEL THIS MSG 061800Z FEB.

(051730Z FEB 2003)

SECTION III HYDROLANTS

Messages in force 061200Z February 2003:

2000 series	1065(53)	2875(GEN)	92(52)	228(52,53)	264(37)
1569(36)	1485(24)	2877(GEN)	111(52)	229(53)	265(35,36)
2937(38)	1895(23)	2881(24)	121(55)	233(37)	266(23,29)
3762(43)	2027(GEN)	2882(54)	123(52)	234(37)	267(24)
4265(44)	2203(51)	2883(54)	129(54)	238(37)	268(24)
2001 series	2354(53)	2003 series	132(51)	239(53)	269(24)
611(44)	2484(22)	16(54)	135(36)	242(24)	271(GEN)
1798(37)	2554(35)	18(56)	139(53)	245(35)	272(52,53)
2066(37)	2673(GEN)	33(35,43)	150(54)	246(37)	273(54)
2659(GEN)	2682(51)	35(37)	153(GEN)	248(53)	274(53)
2700(37)	2804(53)	41(37)	154(54)	249(24)	275(53)
2864(53)	2808(24)	42(57)	180(23,57)	250(37)	276(35)
3161(44)	2831(37)	59(37)	181(57)	253(35)	277(51)
2002 series	2848(37)	65(53)	190(57)	254(52)	278(24)
245(GEN)	2857(24)	67(37)	196(52)	255(55)	279(24)
246(GEN)	2866(54)	71(53,54)	203(52)	258(52)	280(24)
383(53)	2869(52)	76(54)	218(36)	260(GEN)	281(37)
946(53)	2870(56)	86(37)	226(51)	262(54)	282(55)

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.

HYDROLANT WARNINGS issued from 301200Z January to 061200Z February 2003.

216/03 and 217/03. CANCELED.

218/03(36). IRELAND-EAST COAST.

CHART 36061 (5TH ED).

RACON AT DUBLIN BAY BUOY 53-19.9N 006-04.6W INOPERATIVE.

(301820Z JAN 2003)

219/03 thru 225/03. CANCELED.

226/03(51). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 05 THRU 07 FEB IN AREA BOUND BY
35-30N 006-05W, 35-25N 006-45W,
34-40N 007-10W, 34-45N 006-30W.
2. CANCEL THIS MSG 08 FEB.

(310726Z JAN 2003)

227/03. CANCELED.

228/03(52,53). SARDEGNA-SOUTH COAST. GUNNERY.

1. GUNNERY EXERCISES 0800Z TO 1700Z DAILY 03 THRU 08,
10 THRU 14, 17 THRU 19 AND 24 THRU 26 FEB IN
AREA BOUND BY 38-55-10N 008-42-30E,
38-50-00N 008-48-00E, 38-46-15N 008-48-00E,
38-43-30N 008-41-15E, 38-49-00N 008-26-00E,
38-56-12N 008-27-06E, 38-57-00N 008-37-06E.
2. CANCEL THIS MSG 261800Z FEB.

(311212Z JAN 2003)

229/03(53). SARDEGNA-EAST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS 0800Z TO 1630Z DAILY:
A. 03 THRU 07, 10 THRU 14, 17 THRU 21
AND 24 THRU 28 FEB IN AREA BOUND BY
40-00N 010-00E, 40-00N 010-30E, 39-10N 010-30E,
39-10N 010-00E, 39-26N 009-38E, 39-38N 009-38E.
B. 05, 06, 12, 13, 19, 20, 26 AND 27 FEB IN AREA BOUND BY
40-15N 010-00E, 40-15N 011-31E, 40-11N 011-33E,
39-32N 011-38E, 38-52N 011-28E, 39-10N 010-00E,
39-28N 009-38E, 39-43N 009-40E, 40-15N 010-00E.
2. CANCEL THIS MSG 281730Z FEB.

(311300Z JAN 2003)

230/03 thru 232/03. CANCELED.

233/03(37). BAY OF BISCAY.

1. SIX CONTAINERS ADRIFT IN AREA BOUND BY
47-47N 005-35W, 47-47N 005-20W, 48-00N 005-20W,
48-02N 005-35W AT 311400Z JAN.
2. CANCEL THIS MSG 07 FEB.

(311543Z JAN 2003)

SECTION III

234/03(37). NORTH SEA.

CHART 37165 (2ND ED).

1. DANGEROUS WRECK REPORTED IN 54-02.15N 004-45.80E MARKED BY:
 - A. EAST CARDINAL BUOY.
 - B. TWO WEST CARDINAL BUOYS, ONE WITH RACON (D).
 - C. NORTH CARDINAL BUOY.
 - D. SOUTH CARDINAL BUOY.
2. CANCEL HYDROLANT 186/03.

(311815Z JAN 2003)

235/03 thru 237/03. CANCELED.

238/03(37). FRANCE-NORTHWEST COAST.

CHART 37050 (9TH ED).

NORTHEAST BUOY 48-46N 005-11W UNLIT.

(010731Z FEB 2003)

239/03(53). SICILIA-SOUTHEAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0400Z TO 2100Z DAILY
 - 03, 04, 06, 10 THRU 13, 18 THRU 20 AND
 - 24 THRU 27 FEB WITHIN 1.5 MILES OF
 - 36-39-19N 015-00-53E.
2. CANCEL THIS MSG 272200Z FEB.

(011008Z FEB 2003)

240/03 and 241/03. CANCELED.

242/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY 060900Z TO 112300Z FEB BY

M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
02-32.7S 038-55.5W, 02-49.5S 039-03.7W,
03-04.0S 038-37.5W, 02-46.0S 038-28.6W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 120001Z FEB.

(021020Z FEB 2003)

243/03 and 244/03. CANCELED.

245/03(35). NORTH ATLANTIC. HEBRIDES. MISSILES.

1. HAZARDOUS OPERATIONS 1000Z TO 1600Z DAILY 03 THRU 07 FEB
WITHIN 40 MILES OF 57-02N 009-00W.
2. CANCEL THIS MSG 071700Z FEB.

(021725Z FEB 2003)

246/03(37). BAY OF BISCAY.

1. CONTAINER ADRIFT VICINITY 47-51N 005-17W
AT 021400Z FEB.
2. CANCEL THIS MSG 09 FEB.

(021825Z FEB 2003)

247/03. CANCELED.

248/03(53). LIGURIAN SEA.

1. TWO CONTAINERS ADRIFT VICINITY 43-41.7N 009-44.9E
AT 021440Z FEB.
2. CANCEL THIS MSG 09 FEB.

(022115Z FEB 2003)

249/03(24). NORTH ATLANTIC.

1. THREE CONTAINERS ADRIFT VICINITY 09-27N 051-27W.
2. CANCEL HYDROLANT 211/03(51), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 09 FEB.

(022258Z FEB 2003)

250/03(37). FRANCE-NORTHWEST COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY
M/V FNS LAPLACE WITH SUBMERSIBLE VICINITY 48-32N 005-49W.

(030031Z FEB 2003)

251/03 and 252/03. CANCELED.

253/03(35). SCOTLAND-WEST COAST. RADIO SERVICES.

1. DSC STATION SANDWICK 56-12.6N 006-21.3W AT REDUCED POWER.
2. CANCEL HYDROLANT 66/03(37), AID RESTORED.

(031210Z FEB 2003)

SECTION III

NM 8/03

254/03(52). WESTERN MEDITERRANEAN SEA.

1. CONTAINER ADRIFT VICINITY 38-16.0N 008-33.8E.
2. CANCEL THIS MSG 10 FEB.

(031240Z FEB 2003)

255/03(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 0800Z TO 1500Z DAILY 05 AND 06 FEB AND 070800Z TO 071230Z FEB IN AREA BOUND BY 44-38.8N 032-11.5E, 44-48.4N 032-08.2E, 45-00.2N 032-14.2E, 44-52.2N 032-41.6E, 44-43.8N 032-52.2E, 44-34.8N 032-37.4E.
2. CANCEL THIS MSG 071330Z FEB.

(031350Z FEB 2003)

256/03 and 257/03. CANCELED.

258/03(52). ALGERIA.

1. FOUR CONTAINERS ADRIFT VICINITY 37-32N 006-36E AT 030900Z FEB.
2. CANCEL THIS MSG 11 FEB.

(040030Z FEB 2003)

259/03. CANCELED.

260/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 041000Z FEB 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 2848(37), 2857(24), 2866(54), 2869(52), 2870(56), 2875(54), 2877(54), 2881(24), 2882(54), 2883(54).
2003 SERIES: 16(54), 18(56), 33(35,43), 35(37), 41(37), 42(57), 47(56), 59(37), 65(53), 67(37), 71(53,54), 76(54), 86(37), 92(52), 111(52), 121(55), 123(52), 129(54), 132(51), 135(36), 139(53), 150(54), 153(54), 154(54), 180(23,57), 181(57), 190(57), 196(52), 203(52), 209(37), 218(36), 221(37), 224(24), 225(24), 226(51), 228(52,53), 229(53), 233(37), 234(37), 238(37), 239(53), 241(37), 242(24), 243(24), 245(35), 246(37), 247(35), 248(53), 249(24), 250(37), 251(24), 252(24), 253(35), 254(52), 255(55), 258(52).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL HYDROLANT 2171/02, 2789/02, 2794/02, 2799/02, 166/03, 213/03, 259/03.

(041210Z FEB 2003)

261/03. CANCELED.

262/03(54). ADRIATIC SEA.

F/V CUNECONDA SINKING IN 41-46N 018-25E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME, PHONE: 390 6590 84527,
FAX: 390 6592 2737.

(041800Z FEB 2003)

263/03. CANCELED.

264/03(37). DOVER STRAIT.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY CABLESHIP MAERSK DEFENDER VICINITY 51-14N 002-17E.
2. CANCEL HYDROLANT 241/03.

(050007Z FEB 2003)

265/03(35,36). IRELAND-SOUTH COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V GEO SURVEYOR TOWING 1200 METER LONG CABLE WITHIN SEVEN MILES OF 51-10N 008-20W. WIDE BERTH REQUESTED.

(050011Z FEB 2003)

SECTION III

266/03(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTS ON 03 FEB IN:
 - A. A-38C, SEVEN MILES BY 11 MILES IN 60-24S 050-30W.
 - B. A-43B, 14 MILES BY 35 MILES IN 54-24S 039-12W.
 - C. A-43C, 24 MILES BY 41 MILES IN 58-36S 039-36W.
 - D. A-43G, NINE MILES BY 51 MILES IN 54-54S 036-48W.
 - E. A-48I, TWO MILES BY 12 MILES IN 58-24S 039-42W.
 - F. A-46, FOUR MILES BY 11 MILES IN 46-24S 059-30W.
 - G. 4-47, NINE MILES BY 14 MILES IN 57-18S 053-48W.
 - H. B-09A, 15 MILES BY 22 MILES IN 52-48S 032-24W.
2. CANCEL THIS MSG 12 FEB.

(050257Z FEB 2003)

267/03(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 080159Z FEB
BY M/V VERITAS VIKING I TOWING SIX 5400 METER
LONG CABLES IN AREA BETWEEN 26-00.0S 26-30.0S
AND 043-52.3W 044-15.0W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 080259Z FEB.

(050935Z FEB 2003)

268/03(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 080159Z FEB
BY M/V CGG ALIZE TOWING EIGHT 7410 METER
LONG CABLES IN AREA BOUND BY
24-46S 045-29W, 24-51S 045-21W,
25-15S 045-21W, 25-45S 046-00W,
25-25S 046-20W.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 080259Z FEB.

(050940Z FEB 2003)

269/03(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 07 FEB
BY M/V RAMFORM EXPLORER TOWING EIGHT
6500 METER LONG CABLES IN AREA BETWEEN
14-10.0S 14-51.0S AND 038-41.8W 038-50.0W.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 08 FEB.

(050945Z FEB 2003)

270/03. CANCELED.

271/03(GEN). MEDITERRANEAN SEA.

1. U.S. FORCES IN THE MEDITERRANEAN SEA ARE OPERATING
AT A HEIGHTENED STATE OF READINESS AND TAKING ADDITIONAL
DEFENSIVE PRECAUTIONS AGAINST TERRORIST AND OTHER
POTENTIAL THREATS. ALL AIRCRAFT OR SURFACE VESSELS
APPROACHING U.S. FORCES ARE REQUESTED TO MAINTAIN RADIO
CONTACT WITH U.S. FORCES ON BRIDGE-TO-BRIDGE CHANNEL 16,
INTERNATIONAL AIR DISTRESS (121.5 MHZ VHF) OR
MILAIR DISTRESS (243.0 MHZ UHF).
2. U.S. FORCES WILL EXERCISE APPROPRIATE MEASURES IN
SELF-DEFENSE IF WARRANTED BY THE CIRCUMSTANCES.
AIRCRAFT AND SURFACE VESSELS APPROACHING U.S. FORCES
WILL HELP MAKE THEIR INTENTIONS CLEAR AND AVOID
UNNECESSARY INITIATION OF SUCH DEFENSIVE MEASURES BY
MAKING PRIOR CONTACT AS DESCRIBED ABOVE.
3. NOTHING IN THIS WARNING IS INTENDED TO IMPEDE OR
OTHERWISE INTERFERE WITH THE FREEDOM OF NAVIGATION
OR OVERFLIGHT OF ANY VESSEL OR AIRCRAFT, OR TO LIMIT
OR EXPAND THE INHERENT SELF-DEFENSE RIGHTS OF U.S. FORCES.
THIS WARNING IS PUBLISHED SOLELY TO ADVISE OF THE
HEIGHTENED STATE OF READINESS OF U.S. FORCES AND TO
REQUEST THAT RADIO CONTACT BE MAINTAINED AS DESCRIBED ABOVE.
4. SPECIAL WARNING NUMBER 120 REFERS.

(051340Z FEB 2003)

272/03(52,53). TUNISIA-NORTH COAST.

1. LARGE STRUCTURE ADRIFT VICINITY 37-17N 009-53E
AT 050200Z FEB.
2. CANCEL THIS MSG 12 FEB.

(051540Z FEB 2003)

273/03(54). IONIAN SEA.

- 16.2 METER F/V PADRE PIO, FIVE PERSONS ON BOARD,
UNREPORTED. LAST KNOWN POSITION GREECE-WEST COAST.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
PHONE: 390 6590 84409, FAX: 390 6590 84793.

(051620Z FEB 2003)

SECTION III

NM 8/03

274/03(53). SICILIA-NORTHEAST COAST.
CHART 53181 (4TH ED).
CAPO DI MILAZZO LIGHT 38-16.1N 015-13.9E UNLIT.

(051900Z FEB 2003)

275/03(53). EASTERN MEDITERRANEAN SEA.
UNDERWATER CABLE OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY M/V CERTAMEN WITHIN ONE MILE
OF 35-30.4N 012-38.1E. ONE MILE BERTH REQUESTED.

(051956Z FEB 2003)

276/03(35). SCOTLAND-NORTH COAST.
CHART 35200 (7TH ED).
CAPE WRATH LIGHT 58-38N 005-00W UNRELIABLE.

(052139Z FEB 2003)

277/03(51). NORTH ATLANTIC.
1. DERELICT VESSEL AVVENTURA ADRIFT VICINITY 18-26N 031-49W.
2. CANCEL HYDROLANT 270/03.
3. CANCEL THIS MSG 13 FEB.

(060403Z FEB 2003)

278/03(24). BRAZIL-SOUTH COAST.
1. OCEANOGRAPHIC OPERATIONS 07 THRU 15 FEB
BY M/V ANTARES IN AREA BOUND BY
33-51S 053-00W, 35-21S 049-48W,
34-31S 049-17W, 33-06S 052-10W.
THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 16 FEB.

(060810Z FEB 2003)

279/03(24). BRAZIL-NORTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 08 FEB BY
M/V RAMFORM VIKING TOWING TEN 4600 METER
LONG CABLES IN AREA BOUND BY
00-48N 046-01W, 01-03N 046-14W,
01-22N 045-52W, 01-08N 045-39W.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 09 FEB.

(060815Z FEB 2003)

280/03(24). BRAZIL-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 08 FEB BY M/V BULLDOG
TOWING 15 METER LONG CABLE IN AREA BOUND BY
11-08.0S 037-00.6W, 11-10.7S 036-56.7W,
11-10.2S 036-55.0W, 11-06.4S 037-00.6W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 09 FEB.

(060820Z FEB 2003)

281/03(37). ENGLAND-EAST COAST.
CHART 37150 (8TH ED).
1. WINTERTON OLD LIGHTHOUSE STATION RACON
52-43N 001-42E INOPERATIVE
060900Z TO 061500Z FEB.
2. CANCEL THIS MSG 061600Z FEB.

(060850Z FEB 2003)

282/03(55). BOSPORUS.
1. PIPELAYING OPERATIONS 08 FEB THRU 20 MAR
ALONG TRACKLINE BETWEEN
41-04.8N 029-03.8E AND 41-04.9N 029-03.7E.
2. CANCEL THIS MSG 21 MAR.

(061040Z FEB 2003)

SECTION III**NAVAREA XII**

Messages in force 061200Z February 2003:

2001 series 298(GEN)	2002 series 178(GEN)	260(GEN) 339(GEN)	2003 series 21(19)	28(18,19,83) 29(GEN)	32(18)
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The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02.

NAVAREA XII WARNINGS issued from 301200Z January to 061200Z February 2003.

26/03 and 27/03. CANCELED.

28/03(18,19,83). NORTH PACIFIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 2030Z TO 0200Z COMMENCING DAILY 06 THRU 09 FEB IN AREAS BOUND BY:
 - A. 34-37N 120-42W, 34-40N 120-45W,
34-46N 120-39W, 34-43N 120-36W.
 - B. 32-27N 124-55W, 33-25N 123-55W,
33-23N 122-55W, 32-17N 121-28W,
30-55N 122-55W.
 - C. 30-46N 127-02W, 32-31N 125-19W,
30-36N 122-44W, 28-51N 124-29W.
 - D. 14-59N 137-37W, 19-39N 134-55W,
16-37N 129-22W, 11-57N 132-11W.
2. CANCEL THIS MSG 100300Z FEB.

(030840Z FEB 2003)

29/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 041000Z FEB 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 21(19), 25(18), 28(18,19,83).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL NAVAREA XII 19/03.

(041020Z FEB 2003)

30/03 and 31/03. CANCELED.

32/03(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
 - A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
 - B. 33-52N 119-06W. TO THE SHORELINE.
 - C. 33-29N 119-07W. N. 34-24N 120-30W.
 - D. 33-29N 118-37W. O. 34-08N 120-26W.
 - E. 33-20N 118-37W. P. 34-08N 119-40W.
 - F. 32-11N 120-16W. Q. 34-00N 119-40W.
 - G. 31-54N 121-35W. R. 34-06N 119-13W.
 - H. 35-09N 123-39W. S. 34-06N 119-11W.
 - I. 35-29N 123-00W. T. 34-07N 119-10W.
 - J. 35-04N 122-43W. U. 34-07N 119-07W.
 - K. 35-57N 121-32W. V. 34-04N 119-04W.
 - L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 25/03.

(060950Z FEB 2003)

SECTION III

NM 8/03

HYDROPACS

Messages in force 061200Z February 2003:

2000 series	1315(62)	2462(81)	79(81)	156(63)	194(62,63)
597(73)	1661(GEN)	2465(63)	84(61)	159(94,95)	196(22)
1557(94)	1765(71)	2003 series	86(81)	160(95)	197(71)
2001 series	1843(22)	3(63)	90(62)	161(94,95)	198(71)
1556(71)	1893(74)	7(81)	97(81)	162(94,95)	199(71)
1636(96)	2057(71,93)	13(61)	100(29)	163(71)	200(71,93)
1647(GEN)	2111(62)	17(76)	109(29)	164(81,83)	201(63)
1976(62)	2191(22)	18(97)	110(76)	166(GEN)	202(62)
2062(61)	2199(63)	19(97)	111(97)	167(95)	203(GEN)
2002 series	2277(GEN)	20(93)	114(76)	170(81)	205(63)
146(62)	2298(63)	29(81)	115(62)	171(71,93)	207(62)
196(61)	2330(62)	37(81)	124(62)	176(GEN)	208(63)
205(GEN)	2339(63)	38(81)	126(61)	177(71)	210(83)
206(GEN)	2402(22)	41(62)	129(63)	181(95)	211(29)
207(93)	2421(75)	57(93)	133(93)	182(95)	212(97)
352(73)	2427(GEN)	59(83)	135(22)	185(19)	213(61)
403(72,73)	2429(81)	70(71,93)	140(63)	187(74)	214(63)
637(75)	2430(81)	72(96)	151(63)	188(62)	215(GEN)
828(62)	2432(22)	73(62)	152(63)	189(74)	216(61,71)
1078(72)	2437(72)	74(63)	155(63)	193(83)	217(63)

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02.

HYDROPAC WARNINGS issued from 301200Z January to 061200Z February 2003.

175/03. CANCELED.

176/03(GEN). NORTH PACIFIC. JAPAN.

1. LORAN-C STATION TOKACHIBUTO, RATE 7950-Y,
OFF AIR 2300Z TO 0700Z COMMENCING DAILY
03, 05 AND 06 FEB.
2. CANCEL THIS MSG 070800Z FEB.

(301521Z JAN 2003)

177/03(71). SINGAPORE STRAIT.

1. CABLE LAYING OPERATIONS 04 FEB THRU 10 MAR
BY VESSEL DLB 264 ALONG TRACKLINE JOINING
01-15.1N 103-41.9E, 01-14.0N 103-41.8E,
01-12.8N 103-40.7E, 01-11.8N 103-40.3E,
01-10.7N 103-40.3E, 01-08.8N 103-41.2E,
01-06.7N 103-45.0E, 01-06.9N 103-46.6E,
01-06.6N 103-47.4E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 MAR.

(301533Z JAN 2003)

178/03 thru 180/03. CANCELED.

181/03(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
03 THRU 08, 10 THRU 15, 17 THRU 22 AND
24 THRU 28 FEB IN AREA BOUND BY
38-25N 128-45E, 38-25N 129-30E,
38-10N 129-30E, 38-10N 129-00E,
38-17N 129-00E, 38-17N 128-45E.
2. CANCEL THIS MSG 281400Z FEB.

(310829Z JAN 2003)

182/03(95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 03 THRU 08,
10 THRU 15, 17 THRU 22 AND 24 THRU 28 FEB IN
AREA BETWEEN 35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 281400Z FEB.

(310843Z JAN 2003)

183/03 and 184/03. CANCELED.

SECTION III

185/03(19). NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
 25-20.9N 177-10.1E AT 311629Z JAN.
 VESSELS IN VICINITY REQUESTED TO KEEP
 A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO RCC HONOLULU, TELEX: 392401,
 PHONE: 808 541 2500, FAX: 808 541 2123.

(010750Z FEB 2003)

186/03. CANCELED.

187/03(74). AUSTRALIA-NORTHWEST COAST.
 CHART 74480 (2ND ED).
 IMPERIEUSE REEF LIGHT 17-31.1S 118-56.8E UNLIT.

(020128Z FEB 2003)

188/03(62). PERSIAN GULF. ORDNANCE.
 1. UNDERWATER ORDNANCE DETONATIONS 020900Z TO 110900Z FEB
 IN AREA BETWEEN 26-26N 26-39N AND 051-18E 051-40E.
 2. CANCEL THIS MSG 111000Z FEB.

(020750Z FEB 2003)

189/03(74). AUSTRALIA-NORTHWEST COAST.
 CHART 74480 (2ND ED).
 RACON AT IMPERIEUSE REEF LIGHT 17-31.1S 118-56.8E INOPERATIVE.

(021140Z FEB 2003)

190/03 thru 192/03. CANCELED.

193/03(83). SOUTH PACIFIC. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 2030Z TO 0200Z COMMENCING
 DAILY 06 THRU 09 FEB IN AREA BOUND BY
 21-12S 135-42W, 09-14S 134-29W,
 10-06S 121-10W, 22-04S 121-35W.
 2. CANCEL HYDROFAC 172/03(82), SEARCH SUSPENDED.
 3. CANCEL THIS MSG 100300Z FEB.

(030850Z FEB 2003)

194/03(62,63). INDIA-WEST COAST.
 LORAN-C STATION DHRANGADHARA, RATE 6042-MASTER, OFF AIR.

(031250Z FEB 2003)

195/03. CANCELED.

196/03(22). SOUTH PACIFIC. PERU.
 8.6 METER F/V PANGEA I, TWO PERSONS ON BOARD,ADRIFT
 IN 11-44S 078-10W. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO ANY COASTAL RADIO STATION.

(031340Z FEB 2003)

197/03(71). STRAIT OF MALACCA.
 CHART 71275 (3RD ED).
 RACON AT GOSONG CLARK LIGHT 01-42.8N 102-24.2E OFF AIR.

(031550Z FEB 2003)

198/03(71). SINGAPORE STRAIT.
 CHART 71265 (3RD ED).
 RACON AT PHILLIP CHANNEL BUOY 01-03.5N 103-38.8E OFF AIR.

(031610Z FEB 2003)

199/03(71). SINGAPORE STRAIT.
 CHART 71265 (3RD ED).
 RACON AT PULAU TAKONG BUOY 01-05.9N 103-43.4E OFF AIR.

(031717Z FEB 2003)

200/03(71,93). SOUTH CHINA SEA.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 27 FEB BY
 M/V GECO EMERALD TOWING 2.7 MILE LONG CABLE
 IN AREA BETWEEN 03-48N 03-56N AND
 111-56E 112-11E.
 2. CANCEL THIS MSG 28 FEB.

(031745Z FEB 2003)

SECTION III

NM 8/03

201/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 07 AND 11 FEB
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 111630Z FEB.

(031830Z FEB 2003)

202/03(62). PERSIAN GULF. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 070600Z TO 071500Z FEB
IN AREA BETWEEN 29-02N 29-07N AND 048-54E 049-00E.
2. CANCEL THIS MSG 071600Z FEB.

(040750Z FEB 2003)

203/03(GEN).

1. HYDROPAK MESSAGES IN FORCE 041000Z FEB 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 2421(75), 2427(GEN), 2429(81), 2430(81),
2432(22), 2437(72), 2462(81), 2465(63).
2003 SERIES: 3(63), 7(81), 13(61), 17(76), 18(97), 19(97),
20(93), 24(74), 29(81), 37(81), 38(81), 41(62), 57(93),
59(83), 70(71,93), 72(96), 73(62), 74(63), 79(81), 84(61),
86(81), 90(62), 97(81), 100(29), 109(29), 110(76), 111(97),
114(76), 115(62), 124(62), 126(61), 129(63), 133(93), 135(22),
140(63), 149(97), 151(63), 152(63), 154(63), 155(63), 156(63),
159(94,95), 160(95), 161(94,95), 162(94,95), 163(71),
164(81,83), 166(GEN), 167(95), 170(81), 171(71,93), 173(61),
175(74), 176(GEN), 177(71), 178(95,96), 181(95), 182(95),
183(63), 185(19), 186(63), 187(74), 188(62), 189(74), 190(62),
193(83), 194(62,63), 195(29,76), 196(22), 197(71), 198(71),
199(71), 200(71,93), 201(63), 202(62).
2. THE SUMMARY OF ALL HYDROPAK MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL HYDROPAK 2364/02, 2371/02, 2372/02, 2376/02, 2379/02, 2380/02, 2381/02, 2383/02, 2406/02, 131/03.

(041220Z FEB 2003)

204/03. CANCELED.

205/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0130Z TO 1630Z DAILY 06 AND 07 FEB
WITHIN 70 MILES OF 15-50.5N 080-29.5E.
2. CANCEL THIS MSG 071730Z FEB.

(041730Z FEB 2003)

206/03. CANCELED.

207/03(62). PERSIAN GULF. IRAN.

PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V DBL ABOUZAR 1200 ALONG TRACKLINE JOINING
27-31.2N 052-34.1E, 27-30.3N 052-33.0E,
27-30.2N 052-32.9E, 27-30.1N 052-32.8E,
27-29.9N 052-32.6E, 27-29.8N 052-32.3E,
27-29.8N 052-32.3E, 27-29.7N 052-32.0E,
27-29.6N 052-31.7E, 27-29.6N 052-31.6E,
27-28.6N 052-30.1E, 27-26.4N 052-26.6E,
26-48.4N 052-06.1E, 26-43.6N 052-01.6E.

(041810Z FEB 2003)

208/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 060230Z TO 060530Z AND
061230Z TO 061430Z FEB IN AREA BOUND BY
17-42.2N 083-18.6E, 17-42.1N 083-29.9E,
17-36.7N 083-28.5E, 17-32.7N 083-24.3E.
2. CANCEL THIS MSG 061530Z FEB.

(041840Z FEB 2003)

209/03. CANCELED.

210/03(83). SOUTH PACIFIC.

VESSEL REPORTS CREWMAN WITH LEG INJURY VICINITY 46-00S 144-41W.
VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE
REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO
MARITIME OPERATIONS NEW ZEALAND, TELEX: 4512 00067,
FAX: 644 914 5520, PHONE: 644 914 5663 OR
TAUPO MARITIME RADIO.

(050245Z FEB 2003)

SECTION III

211/03(29). ANTARCTICA. ICE.

1. ICEBERGS REPORTED ON 03 FEB IN:
 - A. A-38A, 22 MILES BY 48 MILES IN 63-18S 052-54W.
 - B. A-38B, 22 MILES BY 25 MILES IN 63-42S 052-00W.
 - C. A-38C, SEVEN MILES BY 11 MILES IN 60-24S 050-30W.
 - D. A-38D, TWO MILES BY TEN MILES IN 64-24S 054-30W.
 - E. A-48, NINE MILES BY TEN MILES IN 64-42S 054-12W.
 - F. A-49, ONE MILE BY TEN MILES IN 63-06S 052-00W.
 - G. A-50, ONE MILE BY TEN MILES IN 63-30S 053-06W.
2. CANCEL THIS MSG 12 FEB.

(050306Z FEB 2003)

212/03(97). NORTH PACIFIC. ORDNANCE.

1. EMERGENCY ORDNANCE JETTISON AREA ESTABLISHED 060900Z TO 130900Z FEB WITHIN 15 MILES OF 25-22N 130-00E.
2. CANCEL THIS MSG 131000Z FEB.

(050850Z FEB 2003)

213/03(61). INDIAN OCEAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS UNTIL 282359Z FEB IN AREA BETWEEN 09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL HYDROPAC 24/03(74).
3. CANCEL THIS MSG 010059Z MAR.

(051310Z FEB 2003)

214/03(63). BAY OF BENGAL. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 060300Z TO 071300Z FEB WITHIN FIVE MILES OF:
 - A. 19-50.4N 088-14.4E.
 - B. 19-12.0N 088-52.8E.
2. CANCEL THIS MSG 071400Z FEB.

(051320Z FEB 2003)

215/03(GEN). MEDITERRANEAN SEA.

1. U.S. FORCES IN THE MEDITERRANEAN SEA ARE OPERATING AT A HEIGHTENED STATE OF READINESS AND TAKING ADDITIONAL DEFENSIVE PRECAUTIONS AGAINST TERRORIST AND OTHER POTENTIAL THREATS. ALL AIRCRAFT OR SURFACE VESSELS APPROACHING U.S. FORCES ARE REQUESTED TO MAINTAIN RADIO CONTACT WITH U.S. FORCES ON BRIDGE-TO-BRIDGE CHANNEL 16, INTERNATIONAL AIR DISTRESS (121.5 MHZ VHF) OR MILAIR DISTRESS (243.0 MHZ UHF).
2. U.S. FORCES WILL EXERCISE APPROPRIATE MEASURES IN SELF-DEFENSE IF WARRANTED BY THE CIRCUMSTANCES. AIRCRAFT AND SURFACE VESSELS APPROACHING U.S. FORCES WILL HELP MAKE THEIR INTENTIONS CLEAR AND AVOID UNNECESSARY INITIATION OF SUCH DEFENSIVE MEASURES BY MAKING PRIOR CONTACT AS DESCRIBED ABOVE.
3. NOTHING IN THIS WARNING IS INTENDED TO IMPEDE OR OTHERWISE INTERFERE WITH THE FREEDOM OF NAVIGATION OR OVERFLIGHT OF ANY VESSEL OR AIRCRAFT, OR TO LIMIT OR EXPAND THE INHERENT SELF-DEFENSE RIGHTS OF U.S. FORCES. THIS WARNING IS PUBLISHED SOLELY TO ADVISE OF THE HEIGHTENED STATE OF READINESS OF U.S. FORCES AND TO REQUEST THAT RADIO CONTACT BE MAINTAINED AS DESCRIBED ABOVE.
4. SPECIAL WARNING NUMBER 120 REFERS.

(051350Z FEB 2003)

216/03(61,71). INDIAN OCEAN.

1. DERELICT 25 METER F/VADRIFT VICINITY 07-12.2S 091-50.9E AT 060730Z FEB.
2. CANCEL HYDROPAC 753/02(62) AND 190/03(62).
3. CANCEL HYDROPAC 195/03(29,76).
4. CANCEL THIS MSG 13 FEB.

(061020Z FEB 2003)

217/03(63). INDIA-SOUTHWEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1300Z TO 1530Z DAILY 06 AND 11 THRU 13 FEB WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 131630Z FEB.

(061120Z FEB 2003)

SECTION III

NM 8/03

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 6 February 2003: 00-7, 01-1, 01-5, 01-7, 02-2, 02-5 and 02-7.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002.

SPECIAL WARNINGS in force 6 February 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119 and 120.

MARINE INFORMATION**WARNING ON USE OF FLOATING AIDS TO NAVIGATION TO FIX A NAVIGATIONAL POSITION**

The aids to navigation depicted on charts comprise a system consisting of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid.

The buoy symbol is used to indicate the approximate position of the buoy body and the沉器 which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecisions in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain and the fact that buoy and/or沉器 positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice or other natural causes, collisions, or other accidents.

For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

(PUB0015/1999)

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Latest correction applied: N.M. _____

Sounding sensor or method used _____ Sounding(s) corrected for draft. Yes No

Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes No

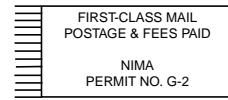
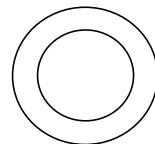
Details of Information Reported (continue on additional sheets as necessary) _____

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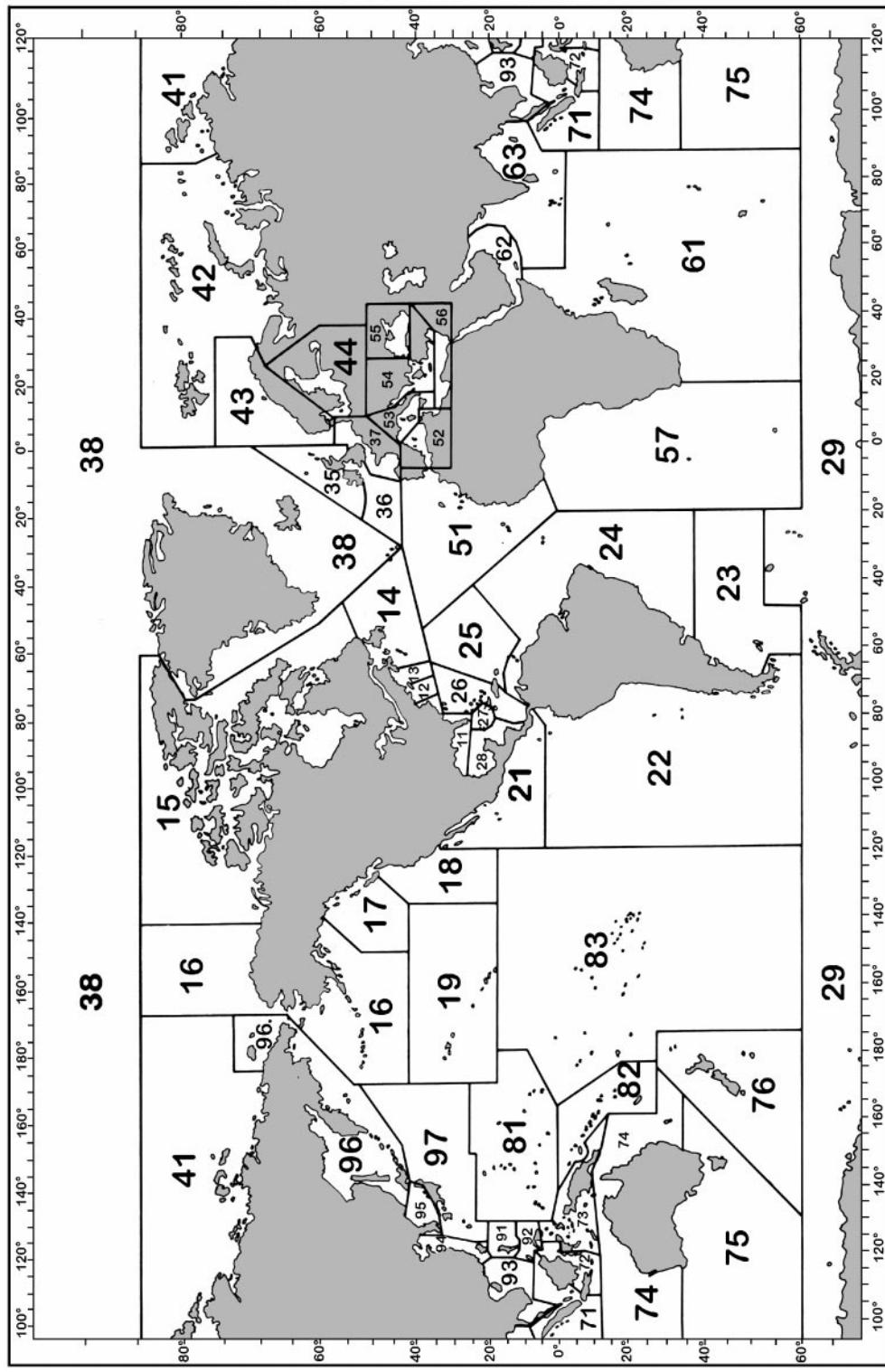
User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

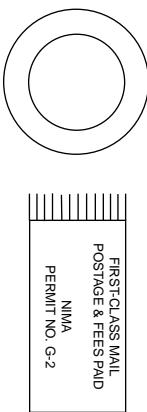
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY